KNOW HOW. NO LIMITS.

宁波赛耐比光电科技股份有限公司

NINGBO SNAPPY OPTOELECTRONICS CO., LTD

地址：宁波国家科技高新区科达路56号 邮编：315000

ADD:NO.56，Keda Road,National Hi-tech park of Ningbo,China P.C.:315000

电话(TEL):86-574-26266222 传真:(FAX):86-574-27902805

E-mail:sales@snappy.cn

www.snappy.cn

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KNOW HOW. NO LIMITS.

2018

LED Power Supply

The driving force behind LED lighting solutions

New building under construction

Welcome
to
Snappy

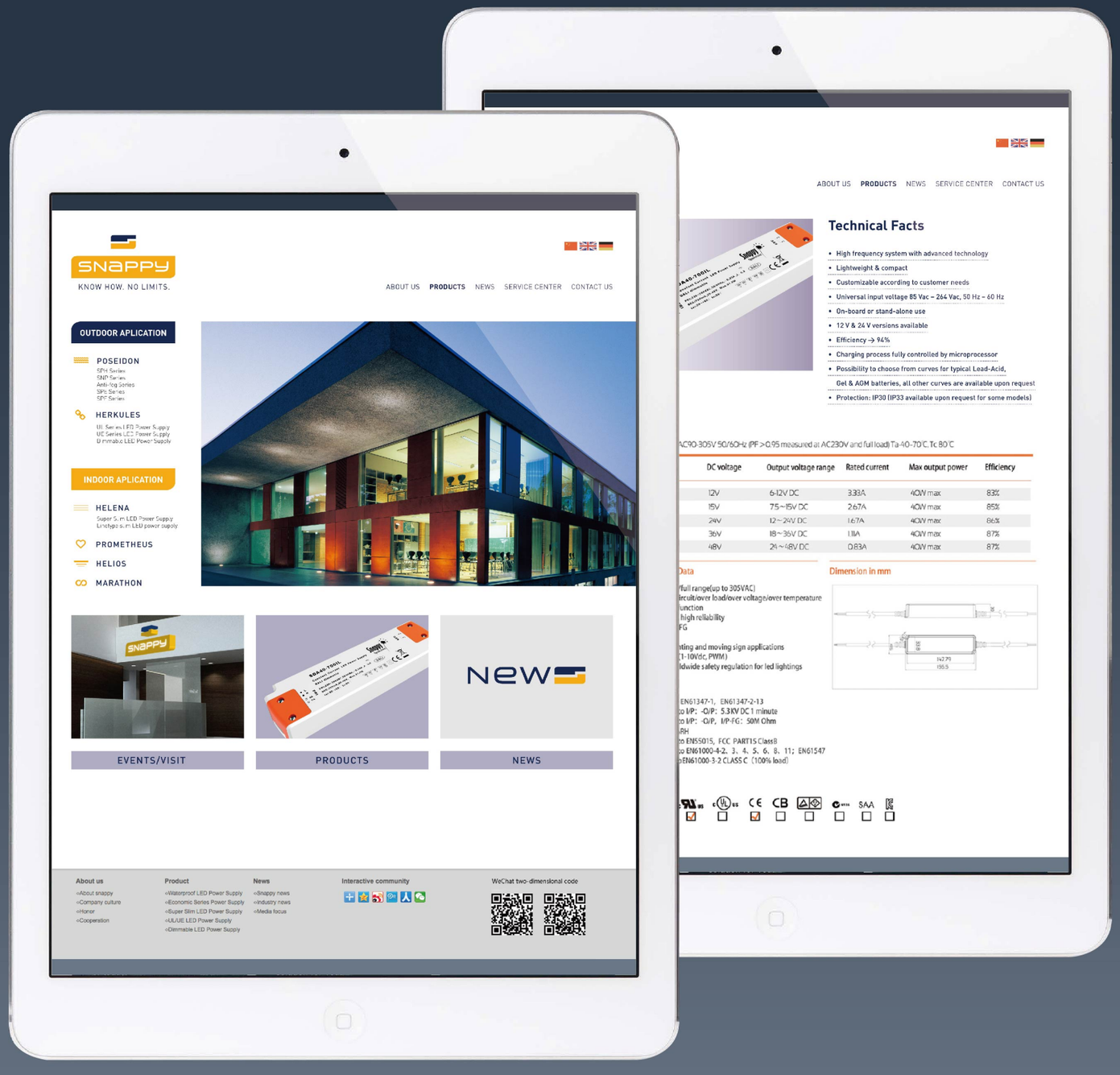
Our new product lines

HELENA	Super Slim
POSEIDON	Waterproof
HERKULES	Strong
PROMETHEUS	Regular Human, Vision
HELIOS	Dimmable
MARATHON	Long Life

Snappy - vibrant, thriving and a sense of fashion, is perfectly compatibility of our company's spirit with a sunflower as a finishing touch.

KNOW HOW. NO LIMITS.

The above is our company's Logo, which is designed by the University of Hamburg in Germany. For this logo, the design of the diagonal radian, in fact, implies the S shape sense of SNAPPY. Over white spaces between the upper and lower color is forging straightly and horizontally. This means the shortest path, indicating the direction of company- Forging in the right direction without making a detour. Besides, its message is also great and gives us infinite imagination.
KNOW HOW, NO LIMITS - know how to achieve the future with no limits.



This catalogue is not your only source: www.snappy.cn

www.snappy .cn will provide you with a further source of information.Here you can access information on all products: product data, visualisations and downloads. Whether you are looking for technical data or new products – our regularly updated website will provide you with all the information you need. You also have the opportunity to view some interesting projects, subscribe to our Newsletter, widen your knowledge, and get to know our strengths. Good luck and happy hunting!

Important

FC	Federal Communications Commission
c UL us	UL mark for Canada and US
CE	CE mark of conformity
M M	The transformer complies with European Regulation, in general situation, cound mount on or in furniture and cabinet
F	Flammable marks
	International mark for independent converter
	International mark for protection II
SELV	International mark for transformers of converters (safety extra-low voltage)
110	The surface temperature of Transformer/ballast will be not more than 110℃ on the condition of overload or short circuit
N136	C-Tick Compliant
c UL us LISTED	US and Canada UL approved

Test standard for electronic control

EN6 1347-1	General safety requirements
EN6 1347-2-2	Safety requirements for step down converters for filament lamps
EN6 1347-2-3	Safety requirements for electronic ballast
EN6 1347-2-13	Particular requirements for d.c.or a.c.supplied electronic control gear for LED modules
EN60929	Performance requirements for electronic ballast
EN55015	Limits and methods of measurements of radio interferenec characteristics of lights
EN61547	EMC immunity requirements for lighting purposes equipment
EN61000-3-2	Limits for harmonic current emissions
EN61000-3-3	Limitions of voltage fluctuations and flicker
FCC PART 15	Wireless Access interference measurement standards
UL 8750	LED Equipment for use in lighting products (Class 2)
UL 1310	Class 2 power units
EN 62493-2010	Assessment of lighting equipment related to human Exposure to electromagnetic fields
DoE VI CoC V	Efficiency Standards for External Power Supplies

IP Application Presentation

Product Overview

	TUV	UL	UR	RCM	KC	PSE	
SPA SPH SPE Series 40W-600W	●			●			01-22
Outdoor Super Slim SPA Series 100W-320W IP67							
Outdoor SPH Series 40W-600W IP65/IP67							
Outdoor SPE Series 100W-320W IP67							
Linetype Series 30W-240W	●		●			●	23-52
Outdoor Advertising Series 60W-150W IP66/IP67							
Wide Input Voltage Series 45W-150W IP20							
Regular Series 30W-240W IP20							
Push in Clamp Terminal Series 60W-150W IP20							
DALI Dimmable Series 20W-150W							53-60
DALI Constant Voltage Series 60W-150W IP20							
DALI Controller IP20							
Triac Three In One Series 10W-100W	●	●	●	●			61-78
Constant Current &Constant Voltage Series 10W-100W IP20							
Three In One Dimmable Series 18W-75W IP20							
Regular & Super Slim Series 6W-320W	●	●		●	●	●	79-118
Super Slim Series 6W-100W IP44							
Super Slim Series 6W-200W IP20							
Regular Series 8W-320W IP20							
UE Series 6W-100W IP20							
Plug in Series 8W-24W	●						119-124
Special Series	●					●	125-130
SPV Series 100W IP67							
Dimming Modules							
UL Series 12W-100W		●	●			●	131-140
New Products	●		●				141-148

OUTDOOR APPLICATION IP44/IP65/IP66/IP67 LED Power Supply

INDOOR APPLICATION IP20 LED Power Supply

SPA SPH SPE Series 40W-600W

Outdoor Super Slim SPA Series 100W-320W

SPA100-VFP
SPA150-VFP
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SPA200-VFP
SPA250-VFP
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SPA320-VFP
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Outdoor SPH Series 40W-600W

SPH40-A
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SPH40-B
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SPH60-A
page 08

SPH60-B
page 08

SPH80-A
page 09

SPH80-B
page 09

SPH100-A
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SPH100-B
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SPH150-A
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SPH150-B
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SPH185-A
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SPH185-B
page 12

SPH250-A
page 13

SPH250-B
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SPH320-A
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SPH320-B
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SPH480-A
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SPH480-B
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SPH600-A
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SPH600-B
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Outdoor SPE Series 100W-320W

SPE100-VLP
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SPE150-VLP
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SPE200-VLP
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SPE250-VLP
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SPE320-VLP
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Linetype Series 30W-240W

Outdoor Advertising Series 60-150W

SLP60-VFP(UE)
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SLP100-VFP(UE)
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SLP150-VFP(UE)
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SNP60-VFP-1
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SNP100-VFP-1
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SNP150-VFP-1
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Linetype Series 30W-240W

IP20 Wide Input Voltage Series 45W-150W

SL45-VF(UE)
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SNP60-VF-1(UL)
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SL100-VF(UE)
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SL150-VF(UE)
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IP20 Regular Series 30W-240W

SNP30-VF-1/SNP30-IF-1/
SNP30-VF-2
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SNP45-VF-1
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SL60-VF
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SL75-VF
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SNP100-VF-1/
SNP100-VF-1S
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SNP150-VF-1
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SNP200-VF-1
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SL240-VF
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Push in Clamp Terminal Series 60W-150W

SNP60-VFB-1
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SNP60-VFD-1
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SNP100-VFB-1
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SNP100-VFD-1
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SNP150-VFB-1
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SNP150-VFD-1
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DALI Dimmable Series 60W-150W

DALI Constant Voltage Series 60W-150W

SDL60-VF
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SDL100-VF
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SDL150-VF
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DALI Controller

SDA-01
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Triac Three In One Series 10W-100W

Constant Current &Constant Voltage Series 10W-100W

SNP10-ILT
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SP15-ILT
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SNP18-ILT
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SP24-ILT
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SP25-VFT(UL)
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SP30-VFT
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SP36-VFT/SP36-ILT
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SP50-VFT
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SP75-VLT
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SP100-VLT
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Three In One Dimmable Series 18W-75W

SNP18-ILD
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SP30-IL(UE)-1
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SP75-IL(UE)
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Regular & Super Slim Series 6W-320W

IP44 Super Slim Series 6W-100W

SNP6-VFP / SNP6-IFP
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SNP12-VFP / SNP12-IFP
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SNP15-VFP / SNP15-IFP
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SNP20-VFP
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SNP30-VFP
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SNP60-VFP
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SNP75-VFP
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SNP100-VFP
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IP20 Super Slim Series 6W-150W

SNP6-VF/SNP6-IF
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SNP12-VF-1
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SNP15-VF/SNP15-IF
SNP15-IF-1
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SNP15-VF-1
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SNP20-VF/SNP20-IF
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SNP20-VF-E
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SNP30-VF-3
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SNP40-VF/SNP40-IF
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SNP50-VF-1
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SNP60-VF/SNP60-IF
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SNP75-VF
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SNP100-VF
page 100

SNP150-VF
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IP20 Regular Series 8W-320W

SNP8-VL/SNP8-IL
SNP8-VL-1/SNP8-IL-1
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SNP8-VL-2/SNP8-IL-2
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SNP15-VL/SNP15-IL/
SNP15-IL-1
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SNP30-VL-1
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SE30-VL
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SE60-VL
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SNP75-VL-E
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SE100-VL
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SE150-VL
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SNP200-VL
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SNP250-VL
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SNP320-VL
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UE Series 6W-100W

SNP6-VF(UE)/SNP6-IF(UE)/
SNP6-IF(UE)-1
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SNP40-VF(UE)
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SNP50-VF(UE)
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SNP60-VF(UE)
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SNP75-VL(UE)/
SNP75-IL(UE)
page 117

SNP100-VL(UE)/
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Plug in Series 8W-24W

SNP8-VLW/SNP8-ILW
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SNP12-VLW/SNP12-ILW
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SNP15-VLW/SNP15-ILW
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SNP24-VLW/SNP24-ILW
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Special Series

SPV Series 100W

SPV100-A
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SPV100-B
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SNP4-ILP
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Dimming Moudules

SP75-AA,-AB-BA-BB-CA-CB
page 130

UL Series 12W-100W

SNP12-VF(UL)/
SNP12-IF(UL)
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SNP15-VF(UL)/
SNP15-IF(UL)
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SNP20-VL(UL)
SNP20-ILUL)
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SP25-VFT(UL)
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SNP30-VF(UL)
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SNP60-VF-1(UL)
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SNP100-VF-1(UL)
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New Products

OUTDOOR APPLICATION

Outdoor Super Slim SPA Series
Outdoor SPH Series
Outdoor SPE Series
Outdoor Advertising Series
IP44 Super Slim Series

POSEIDON
Waterproof

HERKULES
Strong

Outdoor LED Power Supply for Outdoor Lighting

Versatile, engergy-efficient and cost-saving solutions

reliable, durable and efficient

SPA Series
page 02-04

SPH Series
page 07-16

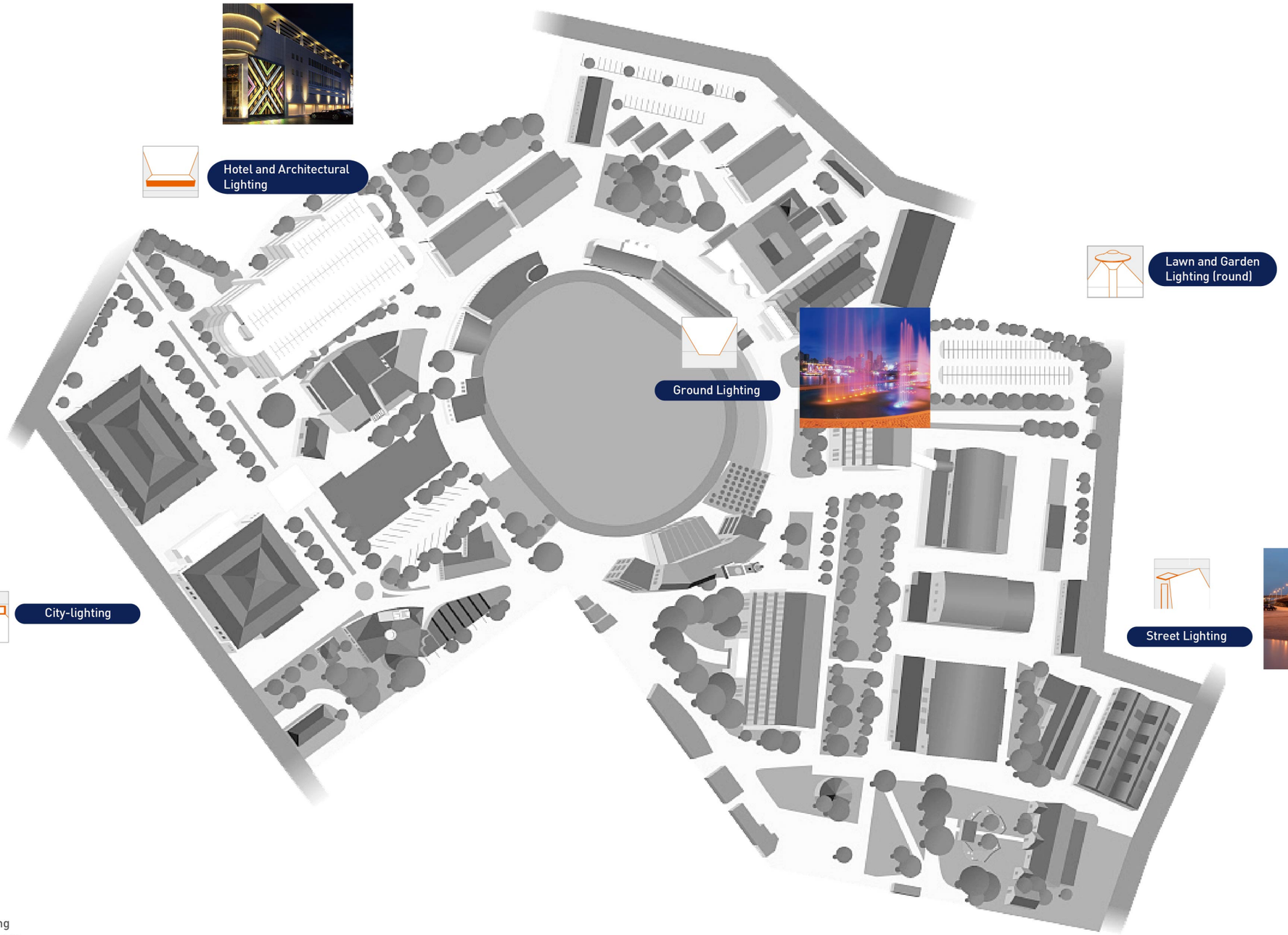
SPE Series
page 18-22

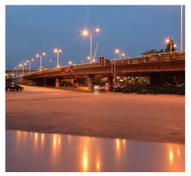
Outdoor Advertising Series
page 25-28

Where can Outdoor LED Power Supply be used?

Application areas

- Park and home Garden, byway
- Restaurants, Hotel
- Bridge or Road, embellishing the city
- Waterfalls, such as underwater lighting can be used for arockery





Main benefits at a glance

- Suitable for LED outdoor lighting
- High level of efficiency and reliability
- Protections:
  short circuit,over current, over voltage, over temperature
- Additional cost-saving features

SPA SPH SPE Series

Outdoor Super Slim SPA Series

Slim and flat LED drivers with metal case for outdoor LED lighting
Open Circuit; Short Circuit; Over Load, Over Heat Protection

Metal case with protection grade IP67

SPA SPH SPE Series
40W-600W

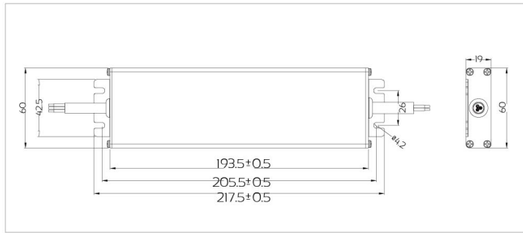
SPA100-VFP/SPA150-VFP

Reliable Technical Data

- Input Voltage Range:90-305 VAC
- IP67 design for indoor or outdoor installation
- Protections:short circuit/over load/over voltage/over temperature
- Built in active PFC function
- Cooling by free air, high reliability
- 100% burn-in with full load
- Suitable for LED lighting and moving sign applications

- Safety standards to EN61347-1，EN61347-2-13, UL8750
- Withstand voltage to I/P：-O/P：3.75KV DC 1 minute
- Isolation resistance to I/P：-O/P，I/P-FG：50M Ohm / 500VDC / 25℃/ 70%RH
- EMC emission to EN55015,FCC PART15 ClassB
- EMC immunity to EN61000-4-2、3、4、5、6、8、11；EN55024；EN61547
- Harmonic current to EN61000-3-2 CLASS C（100% load）

High Reliability | Outdoor | 5 Years



Characteristics

Input Voltage Range: AC90-305V 50/60Hz (power factor measured at AC230V and full load)

Model No.	DC voltage	Load	Max output current	PF	Ta	Tc	L x W x H	IP
SPA100-12VFP	12V	0-100W	8.33A	>0.95	60℃	95℃	Pending	IP67
SPA100-24VFP	24V	0-100W	4.16A	>0.95	60℃	95℃	Pending	IP67
SPA150-12VFP	12V	0-150W	12.5A	>0.95	60℃	95℃	217.5x60x19	IP67
SPA150-24VFP	24V	0-150W	6.25A	>0.95	60℃	95℃	217.5x60x19	IP67

SELV | SAA

Outdoor Super Slim SPA Series

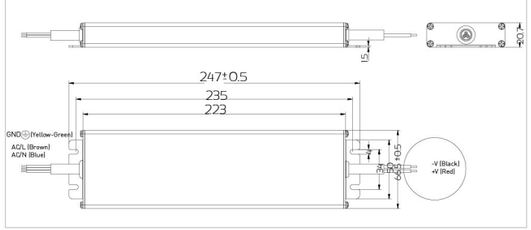
SPA200-VFP/SPA250-VFP

Reliable Technical Data

- Input Voltage Range:90-305 VAC
- IP67 design for indoor or outdoor installation
- Protections:short circuit/over load/over voltage/over temperature
- Built in active PFC function
- Cooling by free air, high reliability
- 100% burn-in with full load
- Suitable for LED lighting and moving sign applications

- Safety standards to EN61347-1，EN61347-2-13, UL8750
- Withstand voltage to I/P：-O/P：3.75KV DC 1 minute
- Isolation resistance to I/P：-O/P，I/P-FG：50M Ohm / 500VDC / 25℃/ 70%RH
- EMC emission to EN55015,FCC PART15 ClassB
- EMC immunity to EN61000-4-2、3、4、5、6、8、11；EN55024；EN61547
- Harmonic current to EN61000-3-2 CLASS C（100% load）

Dimension in mm



Characteristics

Input Voltage Range: AC90-305V 50/60Hz (power factor measured at AC230V and full load)

Model No.	DC voltage	Load	Max output current	PF	Ta	Tc	L x W x H	IP
SPA200-12VLP	12V	0-200W	16.6	>0.95	60℃	95℃	247x66.5x20.7	IP67
SPA200-24VLP	24V	0-200W	8.3A	>0.95	60℃	95℃	247x66.5x20.7	IP67
SPA250-12VLP	12V	0-250W	20.8A	>0.95	60℃	95℃	247x66.5x20.7	IP67
SPA250-24VLP	24V	0-250W	10.4A	>0.95	60℃	95℃	247x66.5x20.7	IP67

SELV SAA

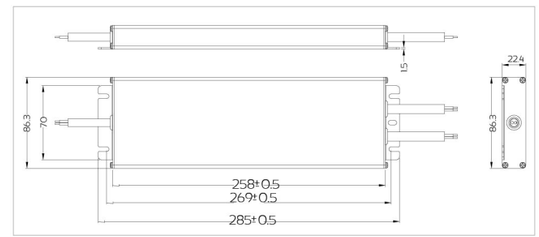
SPA320-VFP

Reliable Technical Data

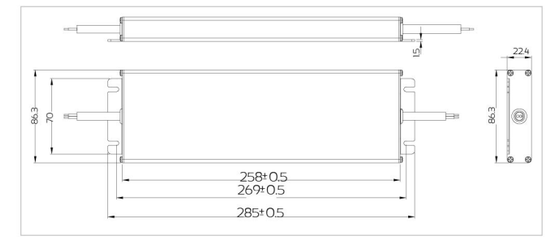
- Input Voltage Range:90-305 VAC
- IP67 design for indoor or outdoor installation
- Protections:short circuit/over load/over voltage/over temperature
- Built in active PFC function
- Cooling by free air, high reliability
- 100% burn-in with full load
- Suitable for LED lighting and moving sign applications

- Safety standards to EN61347-1，EN61347-2-13, UL8750
- Withstand voltage to I/P：-O/P：3.75KV DC 1 minute
- Isolation resistance to I/P：-O/P，I/P-FG：50M Ohm / 500VDC / 25℃/ 70%RH
- EMC emission to EN55015,FCC PART15 ClassB
- EMC immunity to EN61000-4-2、3、4、5、6、8、11；EN55024；EN61547
- Harmonic current to EN61000-3-2 CLASS C（100% load）

Dimension in mm



SPA320-12VFP



SPA320-24VFP

Characteristics

Input Voltage Range: AC90-305V 50/60Hz (power factor measured at AC230V and full load)

Model No.	DC voltage	Load	Max output current	PF	Ta	Tc	L x W x H	IP
SPA320-12VFP	12V	0-300W	25A	>0.95	60℃	95℃	285x86.3x22.4	IP67
SPA320-24VFP	24V	0-320W	13.3A	>0.95	60℃	95℃	285x86.3x22.4	IP67

SELV SAA

SPA SPH SPE Series

Outdoor SPH Series

High Safety performance over current, over voltage, short circuit, over load and over heat protection.

Suitable for outdoor use

IP65/IP67 —— Dimmable / Non-Dimmable

Outdoor SPH Series

SPH40-A

SPH40-B DIMMABLE

LED set
SELV Output

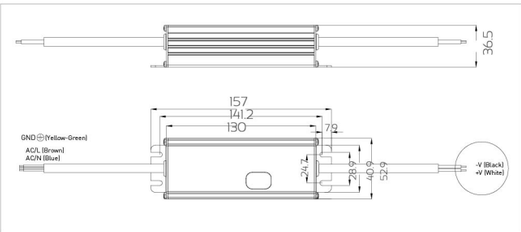
Reliable Technical Data

- Input Voltage Range:90-305 VAC
- IP65/67 design for indoor or outdoor installation
- Protections:short circuit/over load/over voltage/over temperature
- Built in active PFC function
- Cooling by free air, high reliability
- 100% burn-in with full load
- Suitable for LED lighting and moving sign applications
- A series: Output current and voltage is adjustable, IP67
- B series: Three in one dimming function (1-10Vdc, PWM signal or resistance), IP65
- Compliance to worldwide safety regulation for LED lightings
- 5 years warranty

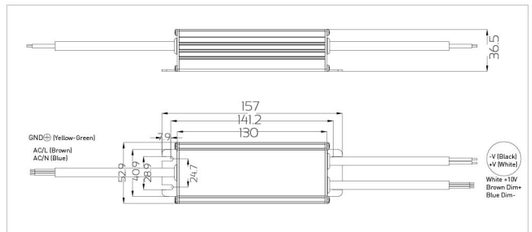
- Safety standards to EN61347-1，EN61347-2-13, UL8750
- Withstand voltage to I/P：-O/P：5.3KV DC 1 minute
- Isolation resistance to I/P：-O/P，I/P-FG：50M Ohm / 500VDC / 25℃/ 70%RH
- EMC emission to EN55015, FCC PART15 ClssB
- EMC immunity to EN61000-4-2、3、4、5、6、8、11；EN55024；EN61547
- Harmonic current to EN61000-3-2 CLASS C（100% load）

High Reliability | Outdoor | 0-10Vdc | 5 Years

Dimension in mm



SPH40-A



SPH40-B

Characteristics

Input Voltage Range: AC90-305V 50/60Hz (PF＞0.9 measured at AC230V and full load) Ta 60℃, Tc 85℃

Model No.	DC voltage	Voltage ADJ.range	Rated current	Max output power	Max output voltage （NO LOAD）	Current ADJ. range	Efficiency
SPH40-12A/B	12V	10～13.5V DC	3.3A	40W	15V	2-3.3A	86%
SPH40-15A/B	15V	13.5～17V DC	2.66A	40W	20V	1.6-2.66A	86.5%
SPH40-24A/B	24V	22～27V DC	1.66A	40W	30V	1-1.66A	88%
SPH40-36A/B	36V	33～40V DC	1.1A	40W	44V	0.66-1.1A	88.5%
SPH40-48A/B	48V	43～53V DC	0.83A	40W	55V	0.5-0.83A	89%

SELV | SAA

SPH60-A

SPH60-B DIMMABLE

LED set
SELV Output

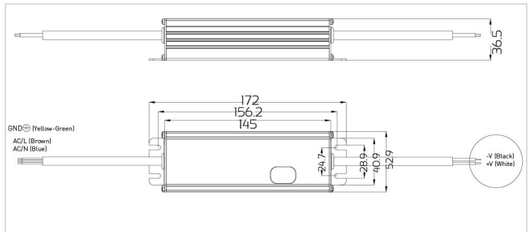
Reliable Technical Data

- Input Voltage Range:90-305 VAC
- IP65/67 design for indoor or outdoor installation
- Protections:short circuit/over load/over voltage/over temperature
- Built in active PFC function
- Cooling by free air, high reliability
- 100% burn-in with full load
- Suitable for LED lighting and moving sign applications
- A series: Output current and voltage is adjustable, IP67
- B series: Three in one dimming function (1-10Vdc, PWM signal or resistance), IP65
- Compliance to worldwide safety regulation for LED lightings
- 5 years warranty

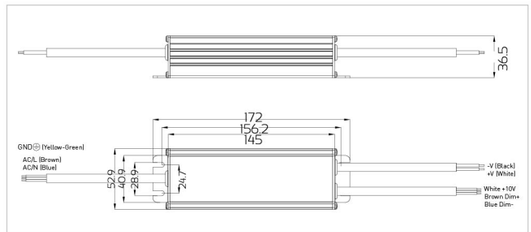
- Safety standards to EN61347-1，EN61347-2-13, UL8750
- Withstand voltage to I/P：-O/P：5.3KV DC 1 minute
- Isolation resistance to I/P：-O/P，I/P-FG：50M Ohm / 500VDC / 25℃/ 70%RH
- EMC emission to EN55015, FCC PART15 ClssB
- EMC immunity to EN61000-4-2、3、4、5、6、8、11；EN55024；EN61547
- Harmonic current to EN61000-3-2 CLASS C（100% load）

High Reliability | Outdoor | 0-10Vdc | 5 Years

Dimension in mm



SPH60-A



SPH60-B

Characteristics

Input Voltage Range: AC90-305V 50/60Hz (PF＞0.9 measured at AC230V and full load) Ta 60℃, Tc 95℃

Model No.	DC voltage	Voltage ADJ.range	Rated current	Max output power	Max output voltage （NO LOAD）	Current ADJ. range	Efficiency
SPH60-12A/B	12V	8～13.5V DC	5A	60W	15V	2.5-5A	88%
SPH60-15A/B	15V	10～17V DC	4A	60W	19V	2-4A	88%
SPH60-24A/B	24V	15～27V DC	2.5A	60W	29V	1.25-2.5A	88%
SPH60-36A/B	36V	32～41V DC	1.67A	60W	43V	0.85-1.67A	89%
SPH60-48A/B	48V	42～54V DC	1.25A	60W	56V	0.6-1.25A	89%

SELV | SAA

Outdoor SPH Series

SPH80-A

Reliable Technical Data

- Input Voltage Range:90-305 VAC
- IP65/67 design for indoor or outdoor installation
- Protections:short circuit/over load/over voltage/over temperature
- Built in active PFC function
- Cooling by free air, high reliability
- 100% burn-in with full load
- Suitable for LED lighting and moving sign applications
- A series: Output current and voltage is adjustable, IP67
- B series: Three in one dimming function (1-10Vdc, PWM signal or resistance), IP65
- Compliance to worldwide safety regulation for LED lightings
- 5 years warranty

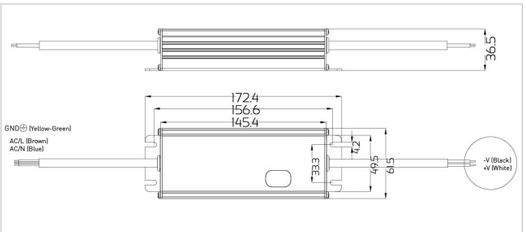
SPH80-B DIMMABLE

LED set SELV Output

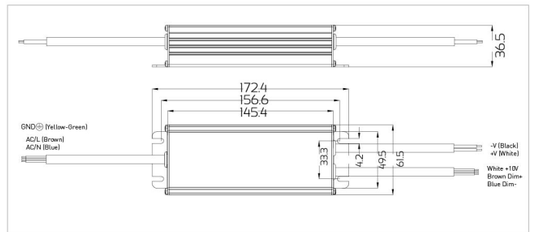
- Safety standards to EN61347-1，EN61347-2-13, UL8750
- Withstand voltage to I/P：-O/P：5.3KV DC 1 minute
- Isolation resistance to I/P：-O/P，I/P-FG：50M Ohm / 500VDC / 25℃/ 70%RH
- EMC emission to EN55015, FCC PART15 ClssB
- EMC immunity to EN61000-4-2、3、4、5、6、8、11；EN55024；EN61547
- Harmonic current to EN61000-3-2 CLASS C（100% load）

High Reliability | Outdoor | 0-10Vdc | 5 Years

Dimension in mm



SPH80-A



SPH80-B

Characteristics

Input Voltage Range: AC90-305V 50/60Hz (PF>0.9 measured at AC230V and full load) Ta 60℃, Tc 95℃

Model No.	DC voltage	Voltage ADJ.range	Rated current	Max output power	Max output voltage （NO LOAD）	Current ADJ. range	Efficiency
SPH80-12A/B	12V	8～13.5V DC	6.7A	80W	15V	3.5-6.7A	88%
SPH80-15A/B	15V	10～17V DC	5.33A	80W	19V	2.5-5.33A	88%
SPH80-24A/B	24V	15～27V DC	3.33A	80W	29V	1.6-3.33A	89%
SPH80-36A/B	36V	32～41V DC	2.22A	80W	43V	1.1-2.22A	90%
SPH80-48A/B	48V	42～54V DC	1.67A	80W	56V	0.8-1.67A	90%

SELV | CB | SAA

SPH100-A

Reliable Technical Data

- Input Voltage Range:90-305 VAC
- IP65/67 design for indoor or outdoor installation
- Protections:short circuit/over load/over voltage/over temperature
- Built in active PFC function
- Cooling by free air, high reliability
- 100% burn-in with full load
- Suitable for LED lighting and moving sign applications
- A series: Output current and voltage is adjustable, IP67
- B series: Three in one dimming function (1-10Vdc, PWM signal or resistance), IP65
- Compliance to worldwide safety regulation for LED lightings
- 5 years warranty

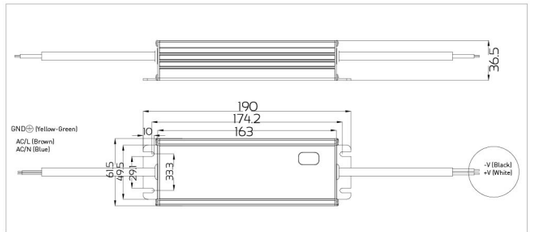
SPH100-B DIMMABLE

LED set SELV Output

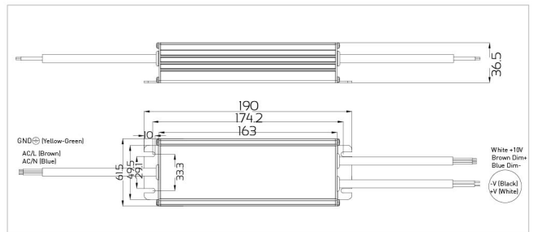
- Safety standards to EN61347-1，EN61347-2-13, UL8750
- Withstand voltage to I/P：-O/P：5.3KV DC 1 minute
- Isolation resistance to I/P：-O/P，I/P-FG：50M Ohm / 500VDC / 25℃/ 70%RH
- EMC emission to EN55015, FCC PART15 ClssB
- EMC immunity to EN61000-4-2、3、4、5、6、8、11；EN55024；EN61547
- Harmonic current to EN61000-3-2 CLASS C（100% load）

High Reliability | Outdoor | 0-10Vdc | 5 Years

Dimension in mm



SPH100-A



SPH100-B

Characteristics

Input Voltage Range: AC90-305V 50/60Hz (PF>0.9 measured at AC230V and full load) Ta 55℃, Tc 95℃

Model No.	DC voltage	Voltage ADJ.range	Constant current output lowest voltage	Rated current	Max output power	Max output voltage （NO LOAD）	Current ADJ. range	Efficiency
SPH100-12A/B	12V	10.5～13.5V DC	7.2V	8.1A	97W	15V	5-8.1A	91%
SPH100-15A/B	15V	13.5～17V DC	9V	6.6A	99W	20V	4.1-6.6A	91%
SPH100-24A/B	24V	22～27V DC	14.4V	4.1A	99W	30V	2.5-4.1A	93%
SPH100-36A/B	36V	33～40V DC	21.6V	2.75A	99W	44V	1.6-2.7A	92.5%
SPH100-48A/B	48V	43～53V DC	28.8V	2.05A	99W	56V	1.2-2.0A	92.5%

SELV | CB | SAA

Outdoor SPH Series

SPH150-A

Reliable Technical Data

- Input Voltage Range:90-305 VAC
- IP65/67 design for indoor or outdoor installation
- Protections:short circuit/over load/over voltage/over temperature
- Built in active PFC function
- Cooling by free air, high reliability
- 100% burn-in with full load
- Suitable for LED lighting and moving sign applications
- A series: Output current and voltage is adjustable, IP67
- B series: Three in one dimming function (1-10Vdc, PWM signal or resistance), IP65
- Compliance to worldwide safety regulation for LED lightings
- 5 years warranty

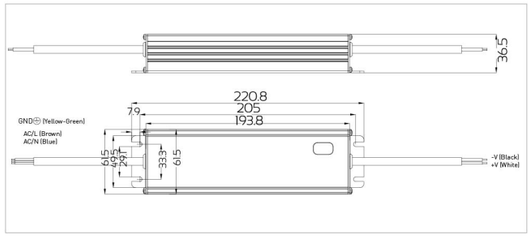
SPH150-B DIMMABLE

LED set SELV Output

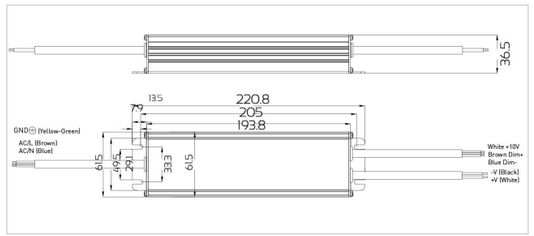
- Safety standards to EN61347-1，EN61347-2-13, UL8750
- Withstand voltage to I/P：-O/P：5.3KV DC 1 minute
- Isolation resistance to I/P：-O/P，I/P-FG：50M Ohm / 500VDC / 25℃/ 70%RH
- EMC emission to EN55015, FCC PART15 ClssB
- EMC immunity to EN61000-4-2、3、4、5、6、8、11；EN55024；EN61547
- Harmonic current to EN61000-3-2 CLASS C（100% load）

High Reliability · Outdoor · 0-10Vdc · 5 Years

Dimension in mm



SPH150-A



SPH150-B

Characteristics

Input Voltage Range: AC90-305V 50/60Hz (PF>0.9 measured at AC230V and full load) Ta 55℃, Tc 95℃

Model No.	DC voltage	Voltage ADJ.range	Constant current output lowest voltage	Rated current	Max output power	Max output voltage （NO LOAD）	Current ADJ. range	Efficiency
SPH150-12A/B	12V	10.5～13.5V DC	7.2V	12.5A	150W	15V	7.5-12.5A	91%
SPH150-15A/B	15V	13.5～17V DC	9V	10A	150W	20V	6-10A	92%
SPH150-24A/B	24V	22～27V DC	14.4V	6.3A	150W	30V	3.8-6.3A	93%
SPH150-36A/B	36V	33～40V DC	21.6V	4.2A	150W	44V	2.5-4.2A	93%
SPH150-48A/B	48V	43～53V DC	28.8V	3.2A	150W	53V	1.9-3.2A	93%

SELV · SAA

SPH185-A

Reliable Technical Data

- Input Voltage Range:90-305 VAC
- IP65/67 design for indoor or outdoor installation
- Protections:short circuit/over load/over voltage/over temperature
- Built in active PFC function
- Cooling by free air, high reliability
- 100% burn-in with full load
- Suitable for LED lighting and moving sign applications
- A series: Output current and voltage is adjustable, IP67
- B series: Three in one dimming function (1-10Vdc, PWM signal or resistance), IP65
- Compliance to worldwide safety regulation for LED lightings
- 5 years warranty

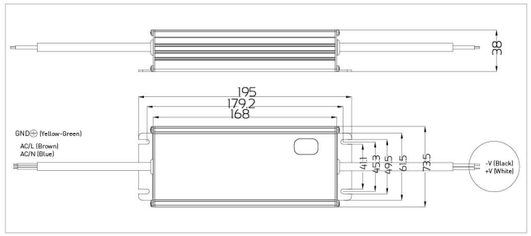
SPH185-B DIMMABLE

LED set SELV Output

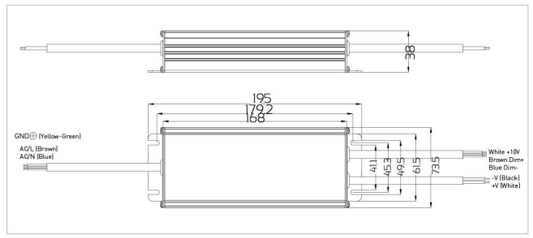
- Safety standards to EN61347-1，EN61347-2-13, UL8750
- Withstand voltage to I/P：-O/P：5.3KV DC 1 minute
- Isolation resistance to I/P：-O/P，I/P-FG：50M Ohm / 500VDC / 25℃/ 70%RH
- EMC emission to EN55015, FCC PART15 ClssB
- EMC immunity to EN61000-4-2、3、4、5、6、8、11；EN55024；EN61547
- Harmonic current to EN61000-3-2 CLASS C（100% load）

High Reliability · Outdoor · 0-10Vdc · 5 Years

Dimension in mm



SPH185-A



SPH185-B

Characteristics

Input Voltage Range: AC90-305V 50/60Hz (PF>0.9 measured at AC230V and full load) Ta 55℃, Tc 95℃

Model No.	DC voltage	Voltage ADJ.range	Constant current output lowest voltage	Rated current	Max output power	Max output voltage （NO LOAD）	Current ADJ. range	Efficiency
SPH185-12A/B	12V	10.5～13.5V DC	7.2V	14A	168W	15V	8.4-14A	92%
SPH185-15A/B	15V	13.5～17V DC	9V	12A	180W	20V	7.2-12A	92.5%
SPH185-24A/B	24V	22～27V DC	14.4V	7.7A	185W	30V	4.6-7.7A	93.5%
SPH185-36A/B	36V	33～40V DC	21.6V	5.1A	185W	44V	3-5.1A	94%
SPH185-48A/B	48V	43～53V DC	28.8V	3.85A	185W	56V	2.3-3.85A	94%

SELV · SAA

Outdoor SPH Series

SPH250-A

Reliable Technical Data

- Input Voltage Range:90-305 VAC
- IP65/67 design for indoor or outdoor installation
- Protections:short circuit/over load/over voltage/over temperature
- Built in active PFC function
- Cooling by free air, high reliability
- 100% burn-in with full load
- Suitable for LED lighting and moving sign applications
- A series: Output current and voltage is adjustable, IP67
- B series: Three in one dimming function (1-10Vdc, PWM signal or resistance), IP65
- Compliance to worldwide safety regulation for LED lightings
- 5 years warranty

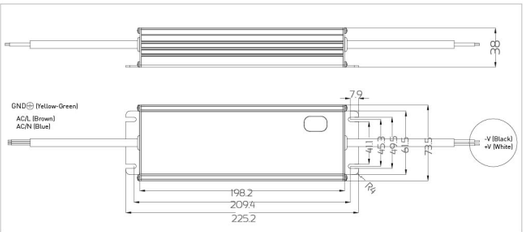
SPH250-B DIMMABLE

LED set SELV Output

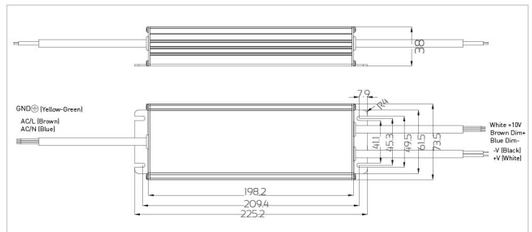
- Safety standards to EN61347-1，EN61347-2-13, UL8750
- Withstand voltage to I/P：-O/P：5.3KV DC 1 minute
- Isolation resistance to I/P：-O/P，I/P-FG：50M Ohm / 500VDC / 25℃/ 70%RH
- EMC emission to EN55015, FCC PART15 ClssB
- EMC immunity to EN61000-4-2、3、4、5、6、8、11；EN55024；EN61547
- Harmonic current to EN61000-3-2 CLASS C（100% load）

High Reliability · Outdoor · 0-10Vdc · 5 Years

Dimension in mm



SPH250-A



SPH250-B

Characteristics

Input Voltage Range: AC90-305V 50/60Hz (PF>0.9 measured at AC230V and full load) Ta 55℃, Tc 95℃

Model No.	DC voltage	Voltage ADJ.range	Constant current output lowest voltage	Rated current	Max output power	Max output voltage （NO LOAD）	Current ADJ. range	Efficiency
SPH250-12A/B	12V	10.5～13.5V DC	7.2V	18A	216W	15V	10.8-18A	92%
SPH250-15A/B	15V	13.5～17V DC	9V	15.4A	230W	20V	9.2-15.4A	93%
SPH250-24A/B	24V	22～27V DC	14.4V	10.4A	250W	30V	6-10.4A	93.5%
SPH250-36A/B	36V	33～40V DC	21.6V	7A	250W	44V	4.2-7A	94%
SPH250-48A/B	48V	43～53V DC	28.8V	5.2A	250W	53V	3.1-5.2A	94.5%
SPH250-54A/B	54V	49～58V DC	32.4V	4.63A	250W	64V	2.8-4.63A	94.5%

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SPH320-A

Reliable Technical Data

- Input Voltage Range:90-305 VAC
- IP65/67 design for indoor or outdoor installation
- Protections:short circuit/over load/over voltage/over temperature
- Built in active PFC function
- Cooling by free air, high reliability
- 100% burn-in with full load
- Suitable for LED lighting and moving sign applications
- A series: Output current and voltage is adjustable, IP67
- B series: Three in one dimming function (1-10Vdc, PWM signal or resistance), IP65
- Compliance to worldwide safety regulation for LED lightings
- 5 years warranty

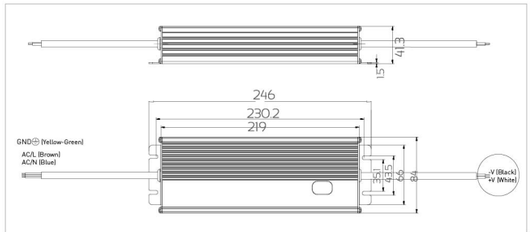
SPH320-B DIMMABLE

LED set SELV Output

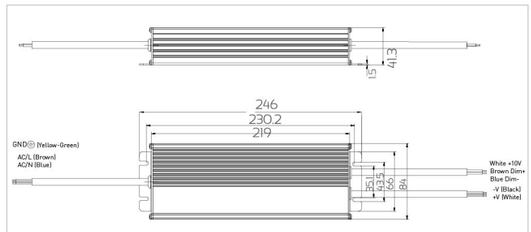
- Safety standards to EN61347-1，EN61347-2-13, UL8750
- Withstand voltage to I/P：-O/P：5.3KV DC 1 minute
- Isolation resistance to I/P：-O/P，I/P-FG：50M Ohm / 500VDC / 25℃/ 70%RH
- EMC emission to EN55015, FCC PART15 ClssB
- EMC immunity to EN61000-4-2、3、4、5、6、8、11；EN55024；EN61547
- Harmonic current to EN61000-3-2 CLASS C（100% load）

High Reliability · Outdoor · 0-10Vdc · 5 Years

Dimension in mm



SPH320-A



SPH320-B

Characteristics

Input Voltage Range: AC90-305V 50/60Hz (PF>0.9 measured at AC230V and full load) Ta 50℃, Tc 85℃

Model No.	DC voltage	Voltage ADJ.range	Rated current	Max output power	Max output voltage （NO LOAD）	Current ADJ. range	Efficiency
SPH320-12A/B	12V	10.5～13.5V DC	22A	264W	15V	11-22A	92%
SPH320-15A/B	15V	13.5～17V DC	19A	285W	19V	9.5-19A	93%
SPH320-24A/B	24V	22～27V DC	13.4A	320W	30V	6.7-13.4A	94%
SPH320-36A/B	36V	33～40V DC	8.9A	320W	44V	4.5-8.9A	94.5%
SPH320-48A/B	48V	43～53V DC	6.7A	320W	55V	3.4-6.7A	95%
SPH320-54A/B	54V	49～58V DC	6A	320W	62V	3-5.93A	95%

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Outdoor SPH Series

SPH480-A

Reliable Technical Data

- Input Voltage Range:90-305 VAC
- IP65/67 design for indoor or outdoor installation
- Protections:short circuit/over load/over voltage/over temperature
- Built in active PFC function
- Cooling by free air, high reliability
- 100% burn-in with full load
- Suitable for LED lighting and moving sign applications
- A series: Output current and voltage is adjustable, IP67
- B series: Three in one dimming function (1-10Vdc, PWM signal or resistance), IP65
- Compliance to worldwide safety regulation for LED lightings
- 5 years warranty

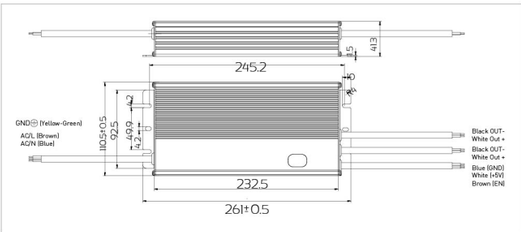
SPH480-B DIMMABLE

LED set SELV Output

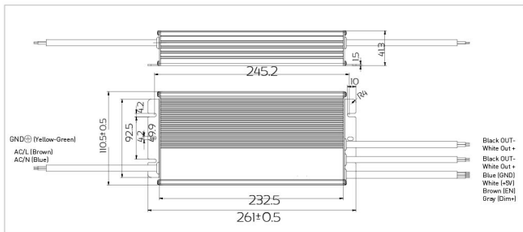
- Safety standards to EN61347-1，EN61347-2-13, UL8750
- Withstand voltage to I/P：-O/P：5.3KV DC 1 minute
- Isolation resistance to I/P：-O/P，I/P-FG：50M Ohm / 500VDC / 25℃/ 70%RH
- EMC emission to EN55015, FCC PART15 ClssB
- EMC immunity to EN61000-4-2、3、4、5、6、8、11；EN55024；EN61547
- Harmonic current to EN61000-3-2 CLASS C（100% load）

High Reliability · Outdoor · 0-10Vdc · 5 Years

Dimension in mm



SPH480-A



SPH480-B

Characteristics

Input Voltage Range: AC90-305V 50/60Hz (PF>0.9 measured at AC230V and full load) Ta 50℃, Tc 85℃

Model No.	DC voltage	Voltage ADJ.range	Rated current	Max output power	Max output voltage（NO LOAD）	Current ADJ. range	Efficiency
SPH480-12A/B	12V	10.5～12.6V DC	35A	420W max	12.6V	20-35A	92%
SPH480-24A/B	24V	21～25.2V DC	20A	480W max	25.2V	10-20A	94%
SPH480-36A/B	36V	31.5～37.5V DC	13.33A	480W max	37.5V	6.6-13.3A	94%
SPH480-48A/B	48V	42～50V DC	10.0A	480W max	50V	5-10A	94%
SPH480-54A/B	54V	48～56.5V DC	8.89A	480W max	56.5V	4.5-8.89A	94%

SELV · SAA

SPH600-A

Reliable Technical Data

- Input Voltage Range:90-305 VAC
- IP65/67 design for indoor or outdoor installation
- Protections:short circuit/over load/over voltage/over temperature
- Built in active PFC function
- Cooling by free air, high reliability
- 100% burn-in with full load
- Suitable for LED lighting and moving sign applications
- A series: Output current and voltage is adjustable, IP67
- B series: Three in one dimming function (1-10Vdc, PWM signal or resistance), IP65
- Compliance to worldwide safety regulation for LED lightings
- 5 years warranty

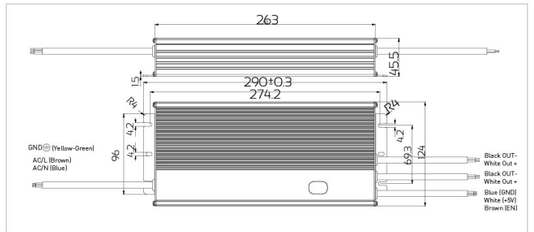
SPH600-B DIMMABLE

LED set SELV Output

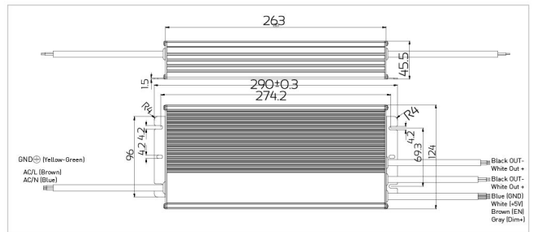
- Safety standards to EN61347-1，EN61347-2-13, UL8750
- Withstand voltage to I/P：-O/P：5.3KV DC 1 minute
- Isolation resistance to I/P：-O/P，I/P-FG：50M Ohm / 500VDC / 25℃/ 70%RH
- EMC emission to EN55015, FCC PART15 ClssB
- EMC immunity to EN61000-4-2、3、4、5、6、8、11；EN55024；EN61547
- Harmonic current to EN61000-3-2 CLASS C（100% load）

High Reliability · Outdoor · 0-10Vdc · 5 Years

Dimension in mm



SPH600-A



SPH600-B

Characteristics

Input Voltage Range: AC108-305V 50/60Hz (PF>0.9 measured at AC230V and full load) Ta 50℃, Tc 90℃

Model No.	DC voltage	Voltage ADJ.range	Rated current	Max output power	Max output voltage（NO LOAD）	Current ADJ. range	Efficiency
SPH600-12A/B	12V	10.2～12.6V DC	40A	480W max	14V	20-40A	92.5%
SPH600-24A/B	24V	20.4～25.2V DC	25A	600W max	27V	12.5-25A	94.5%
SPH600-36A/B	36V	30.6～37.8V DC	16.7A	600W max	40V	8.3-16.7A	95%
SPH600-48A/B	48V	40.8～50.4V DC	12.5A	600W max	53V	6.2-12.5A	95.5%
SPH600-54A/B	54V	45.9～56.7V DC	11.2A	600W max	60V	5.6-11.2A	95.5%

SELV · SAA

SPA SPH SPE Series

Outdoor SPE Series

High safety performance, protection: short circuit, over load, over heat, over current, over voltage.

Suitable for outdoor use

IP67

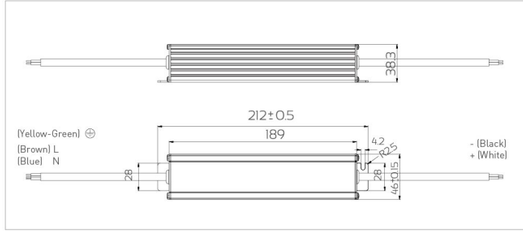
SPE100-VLP

Reliable Technical Data

- Input Voltage Range:180-305 VAC
- IP67 design for indoor or outdoor installation
- Protections:short circuit/over load/over voltage/over temperature
- Built in active PFC function
- Cooling by free air, high reliability
- 100% burn-in with full load
- Suitable for LED lighting and moving sign applications

- Safety standards to EN61347-1，EN61347-2-13
- Withstand voltage to I/P：-O/P：5.3KV DC 1 minute
- Isolation resistance to I/P：-O/P，I/P-FG：50M Ohm / 500VDC / 25℃/ 70%RH
- EMC emission to EN55015
- EMC immunity to EN61000-4-2、3、4、5、6、8、11；EN55024；EN61547
- Harmonic current to EN61000-3-2 CLASS C（100% load）

Dimension in mm



Characteristics

Input Voltage Range: AC180-305V 50/60Hz (power factor measured at AC230V and full load)

Model No.	DC voltage	Load	Max output current	PF	Ta	Tc	L x W x H	IP
SPE100-12VLP	12V	0-100W	8.33A	>0.95	60℃	90℃	212x46x38.3	IP67
SPE100-24VLP	24V	0-100W	4.17A	>0.95	60℃	90℃	212x46x38.3	IP67

SELV SAA

Outdoor SPE Series

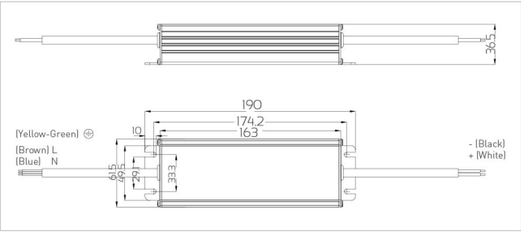
SPE150-VLP

Reliable Technical Data

- Input Voltage Range:180-305 VAC
- IP67 design for indoor or outdoor installation
- Protections:short circuit/over load/over voltage/over temperature
- Built in active PFC function
- Cooling by free air, high reliability
- 100% burn-in with full load
- Suitable for LED lighting and moving sign applications

- Safety standards to EN61347-1，EN61347-2-13
- Withstand voltage to I/P：-O/P：5.3KV DC 1 minute
- Isolation resistance to I/P：-O/P，I/P-FG：50M Ohm / 500VDC / 25℃/ 70%RH
- EMC emission to EN55015
- EMC immunity to EN61000-4-2、3、4、5、6、8、11；EN55024；EN61547
- Harmonic current to EN61000-3-2 CLASS C（100% load）

Dimension in mm



Characteristics

Input Voltage Range: AC180-305V 50/60Hz (power factor measured at AC230V and full load)

Model No.	DC voltage	Load	Max output current	PF	Ta	Tc	L x W x H	IP
SPE150-12VLP	12V	0-150W	12.5A	⩾0.95	60℃	90℃	190x61.5x36.5	IP67
SPE150-24VLP	24V	0-150W	6.25A	⩾0.95	60℃	90℃	190x61.5x36.5	IP67

SELV SAA

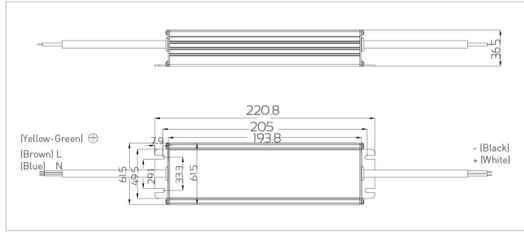
SPE200-VLP

Reliable Technical Data

- Input Voltage Range:180-305 VAC
- IP67 design for indoor or outdoor installation
- Protections:short circuit/over load/over voltage/over temperature
- Built in active PFC function
- Cooling by free air, high reliability
- 100% burn-in with full load
- Suitable for LED lighting and moving sign applications

- Safety standards to EN61347-1，EN61347-2-13
- Withstand voltage to I/P：-O/P：5.3KV DC 1 minute
- Isolation resistance to I/P：-O/P，I/P-FG：50M Ohm / 500VDC / 25℃/ 70%RH
- EMC emission to EN55015
- EMC immunity to EN61000-4-2、3、4、5、6、8、11；EN55024；EN61547
- Harmonic current to EN61000-3-2 CLASS C（100% load）

Dimension in mm



Characteristics

Input Voltage Range: AC180-305V 50/60Hz (power factor measured at AC230V and full load)

Model No.	DC voltage	Load	Max output current	PF	Ta	Tc	L x W x H	IP
SPE200-12VLP	12V	0-200W	16.7A	⩾0.95	60℃	90℃	220.8x61.5x36.5	IP67
SPE200-24VLP	24V	0-200W	8.33A	⩾0.95	60℃	90℃	220.8x61.5x36.5	IP67

SELV SAA

Outdoor SPE Series

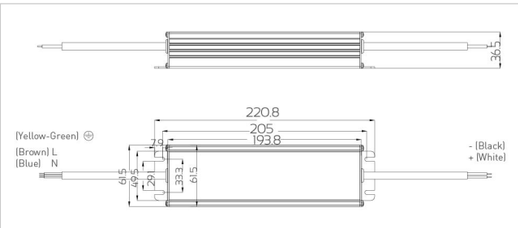
SPE250-VLP

Reliable Technical Data

- Input Voltage Range:180-305 VAC
- IP67 design for indoor or outdoor installation
- Protections:short circuit/over load/over voltage/over temperature
- Built in active PFC function
- Cooling by free air, high reliability
- 100% burn-in with full load
- Suitable for LED lighting and moving sign applications

- Safety standards to EN61347-1，EN61347-2-13
- Withstand voltage to I/P：-O/P：5.3KV DC 1 minute
- Isolation resistance to I/P：-O/P，I/P-FG：50M Ohm / 500VDC / 25℃/ 70%RH
- EMC emission to EN55015
- EMC immunity to EN61000-4-2、3、4、5、6、8、11；EN55024；EN61547
- Harmonic current to EN61000-3-2 CLASS C（100% load）

Dimension in mm



Characteristics

Input Voltage Range: AC180-305V 50/60Hz (power factor measured at AC230V and full load)

Model No.	DC voltage	Load	Max output current	PF	Ta	Tc	L x W x H	IP
SPE250-12VLP	12V	0-240W	20A	⩾0.9	50℃	90℃	220.8x61.5x36.5	IP67
SPE250-24VLP	24V	0-250W	10.4A	⩾0.9	50℃	90℃	220.8x61.5x36.5	IP67

SELV SAA

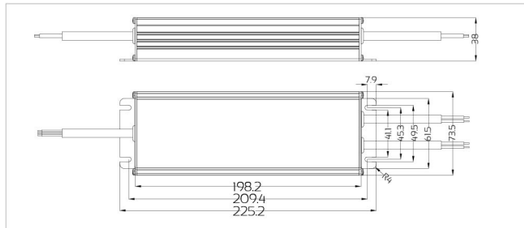
SPE320-VLP

Reliable Technical Data

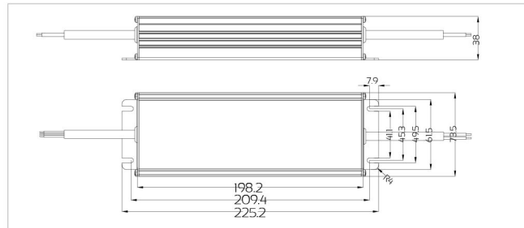
- Input Voltage Range:180-305 VAC
- IP67 design for indoor or outdoor installation
- Protections:short circuit/over load/over voltage/over temperature
- Built in active PFC function
- Cooling by free air, high reliability
- 100% burn-in with full load
- Suitable for LED lighting and moving sign applications

- Safety standards to EN61347-1，EN61347-2-13
- Withstand voltage to I/P：-O/P：5.3KV DC 1 minute
- Isolation resistance to I/P：-O/P，I/P-FG：50M Ohm / 500VDC / 25℃/ 70%RH
- EMC emission to EN55015
- EMC immunity to EN61000-4-2、3、4、5、6、8、11；EN55024；EN61547
- Harmonic current to EN61000-3-2 CLASS C（100% load）

Dimension in mm



SPE320-12VLP



SPE320-24VLP

Characteristics

Input Voltage Range: AC180-305V 50/60Hz (power factor measured at AC230V and full load)

Model No.	DC voltage	Load	Max output current	PF	Ta	Tc	L x W x H	IP
SPE320-12VLP	12V	0-300W	25A	⩾0.9	50℃	90℃	225.2x73.5x38	IP67
SPE320-24VLP	24V	0-320W	13.4A	⩾0.9	50℃	90℃	225.2x73.5x38	IP67

SELV SAA

Outdoor Linetype LED Power Supply Series

Outdoor Advertising Series

Open Circuit; Short Circuit; Over Load; Over Heat Protection, Linear Type LED Drivers

Metal case with protection grade IP67

SLP60-VF(UE)

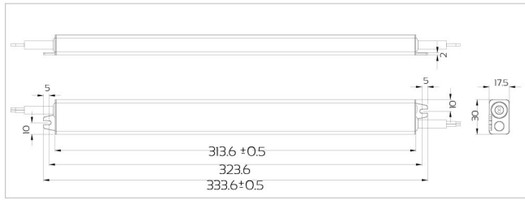
SLP100-VF(UE)

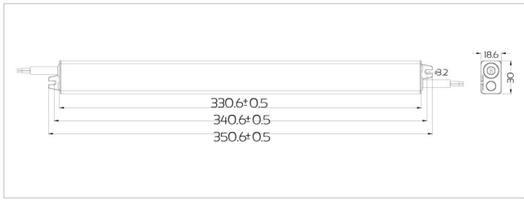
Reliable Technical Data

- Input Voltage Range:90-264 VAC
- Input Frequency:50/60Hz
- Output Power:60W/100W
- Dimension: 333.6x30x17.5mm
  350.6x30x18.6mm
- Body: IP67, Aluminum case
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1，EN61347-2-13, UL8750
- EMI According to EN55015, FCC PART15 ClassB
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

Dimension in mm





Characteristics

Input Voltage Range: AC90-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L x W x H	IP
SLP60-12VF(UE)	12V	0-60W	5A	⩾0.9	45℃	80℃	333.6x30x17.5	IP67
SLP60-24VF(UE)	24V	0-60W	2.5A	⩾0.9	45℃	80℃	333.6x30x17.5	IP67
SLP100-12VF(UE)	12V	0-100W	8.33A	⩾0.9	45℃	90℃	350.6x30x18.6	IP67
SLP100-24VF(UE)	24V	0-100W	4.17A	⩾0.9	45℃	90℃	350.6x30x18.6	IP67

SELV SAA

SLP150-VF(UE)

Reliable Technical Data

- Input Voltage Range:90-264 VAC
- Input Frequency:50/60Hz
- Output Power:150W/200W
- Dimension:Pending
- Body: IP67, Aluminum case
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1，EN61347-2-13, UL8750
- EMI According to EN55015, FCC PART15 ClassB
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

Characteristics

Input Voltage Range: AC90-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L x W x H	IP
SLP150-12VF(UE)	12V	0-132W	11A	⩾0.9	45℃	80℃	Pending	IP67
SLP150-24VF(UE)	24V	0-150W	6.25A	⩾0.9	45℃	80℃	Pending	IP67

SELV SAA

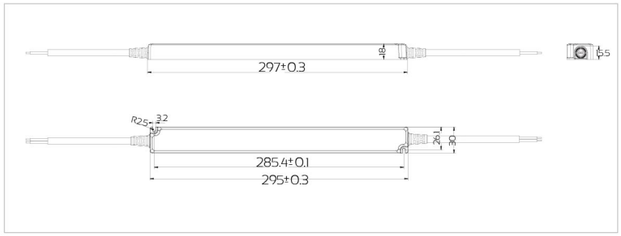
SNP60-VFP-1

Reliable Technical Data

- Input Voltage Range:180-264 VAC
- Input Frequency:50/60Hz
- Output Power:60W
- Dimension:L297xW30xH18mm
- Body: PC Body with Protection Grade IP66
- Open Circuit; Short Circuit; Over Load;

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L x W x H	IP
SNP60-12VFP-1	12V	0-60W	5A	≥0.9	45℃	80℃	297x30x18	IP66
SNP60-24VFP-1	24V	0-60W	2.5A	≥0.9	45℃	80℃	297x30x18	IP66

SNP100-VFP-1

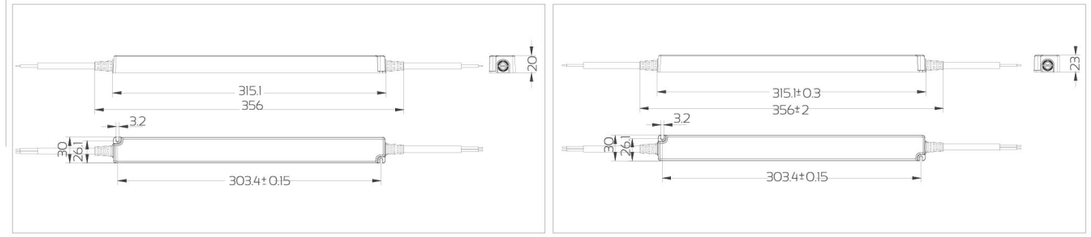
Reliable Technical Data

- Input Voltage Range:180-264 VAC
- Input Frequency:50/60Hz
- Output Power:100W/150W
- Dimension:L315.1xW30xH20mm (SNP100-VFP-1)
  L315.1xW30xH23mm (SNP150-VFP-1)
- Body: PC Body with Protection Grade IP66
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

SNP150-VFP-1

Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L x W x H	IP
SNP100-12VFP-1	12V	0-100W	8.33A	≥0.9	50℃	85℃	315.1x30x20	IP66
SNP100-24VFP-1	24V	0-100W	4.17A	≥0.9	50℃	85℃	315.1x30x20	IP66
SNP150-12VFP-1	12V	0-132W	11A	≥0.9	45℃	90℃	315.1x30x23	IP66
SNP150-24VFP-1	24V	0-150W	6.25A	≥0.9	45℃	90℃	315.1x30x23	IP66

INDOOR APPLICATION

Linetype Series
DALI Dimmable Series
Triac Three In One Series
Regular & Super Slim Series
Plug in Series
UL Series

HELENA
Super Slim

PROMETHEUS
Regular Human, Vision

HELIOS
Dimmable

MARATHON
Long Life

Indoor LED Power Supply

Open Circuit, Short Circuit, Over Load
Suitable for LED Lighting and LED
sign applications

RELIABLE, DURABLE AND EFFICIENT

Linetype Series
page 23-52

DALI Dimmable Series
page 53-62

Regular & Super Slim Series
page 81-122

Plug in Series
page 123-128

Where can Indoor LED Power Supply be used?

Application areas

- Offices, Reception areas and Boardrooms
- Restaurants, Hotel
- Pubic Buildings, Showroom, Schools and Gyms
- Retail, Supermarkets, Bakeries, Shops

- Small size, Light weight, easy to installtion and transportation
- Constant output current, low ripple. ensure the LED make use of securit, stability, improve LED lighting effect, reduce optical decay
- Open Circrit; Over Heat; Over Load; Short Circuit Protection

Indoor Linetype LED Power Supply

IP20 Wide Input Voltage Series

Snappy Linetype LED power supply is a prefect solution for

LED lighting and LED sign applications

Short Circuit; Over Load, Over Voltage, Over Heat Protection.

Input:100-240VAC

IP20 Wide Input Voltage Linetype Series

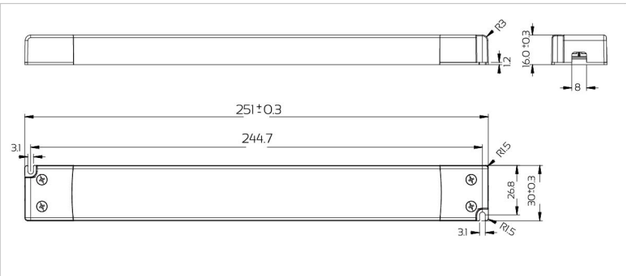
SL45-VF(UE)

Reliable Technical Data

- Input Voltage Range:90-264VAC
- Input Frequency:50/60Hz
- Output Power:45W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1，EN61347-2-13, UL8750
- EMI According to EN55015, FCC PART ClassB
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493-2010
- ERP According to EN1194
- Conforms to UL Std. 1310 8750
- Cert.to CAN/CSA Std. C22.2 No.233-M91

Dimension in mm



Characteristics

Input Voltage Range: AC90-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SL45-12VF(UE)	12V	0-45W	3.78A	⩾0.5	45℃	85℃	251x30x16
SL45-24VF(UE)	24V	0-45W	1.875A	⩾0.5	45℃	85℃	251x30x16

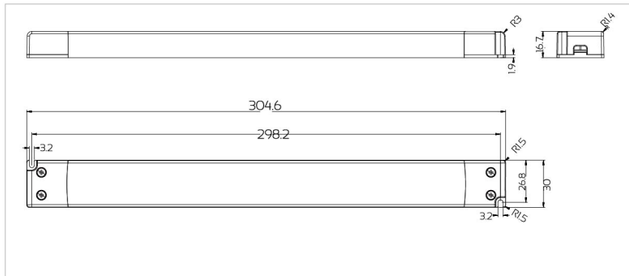
SNP60-VF-1(UL)

Reliable Technical Data

- Input Voltage Range:90-264VAC
- Input Frequency:50/60Hz
- Output Power:60W
- Body: PC
- Open Circuit; Short Circuit; Over Load;

- Conforms to UL Std. 1310 8750 Class 2
- Cert.to CAN/CSA Std. C22.2 No.233-M91

Dimension in mm



Characteristics

Input Voltage Range: AC90-264V 50/60Hz (power factor measured at AC120V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP60-12VF-1(UL)	12V	0-60W	5.0A	⩾0.95	45℃	80℃	304.6x30x16.7
SNP60-24VF-1(UL)	24V	0-60W	2.5A	⩾0.95	45℃	80℃	304.6x30x16.7

IP20 Wide Input Voltage Linetype Series

Linetype Series
30W-240W

SL100-VF(UE)

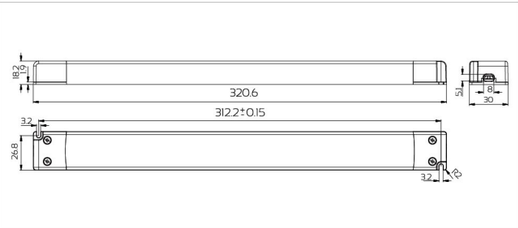
SL150-VF(UE)

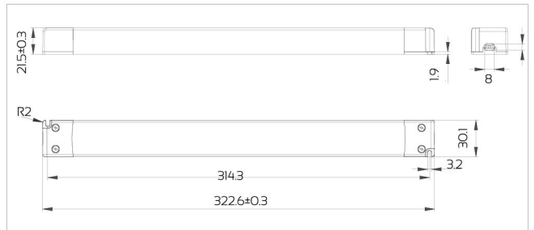
Reliable Technical Data

- Input Voltage Range:90-264VAC
- Input Frequency:50/60Hz
- Output Power:100W/150W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1，EN61347-2-13, UL8750
- EMI According to EN55015, FCC PART ClassB
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

Dimension in mm





Characteristics

Input Voltage Range: AC90-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SL100-12VF(UE)	12V	0-100W	8.33A	⩾0.9	45℃	85℃	320.6x30x18.2
SL100-24VF(UE)	24V	0-100W	4.17A	⩾0.9	45℃	85℃	320.6x30x18.2
SL150-12VF(UE)	12V	0-132W	11A	⩾0.9	45℃	85℃	322.6x30.1x21.5
SL150-24VF(UE)	24V	0-150W	6.25A	⩾0.9	45℃	85℃	322.6x30.1x21.5

SELV SAA

Indoor Linetype LED Power Supply

IP20 Regular Series

Snappy Linetype LED power supply is a prefect solution for

LED lighting and LED sign applications

Short Circuit; Over Load, Over Voltage, Over Heat Protection.

IP20 Regular Linetype Series

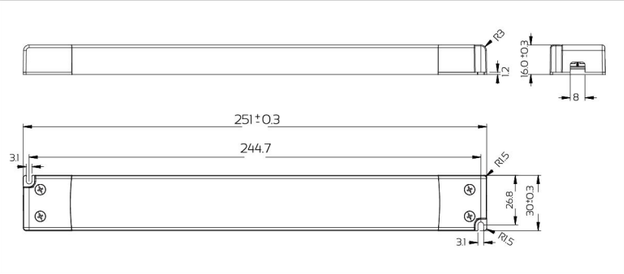
SNP30-VF-1/SNP30-IF-1/ SNP30-VF-2

Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:30W
- Body: PC
- Open Circuit; Short Circuit; Over Load;

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP30-12VF-1	12V	0-30W	2.5A	≥0.9	45℃	80℃	251x30x16
SNP30-24VF-1	24V	0-30W	1.25A	≥0.9	45℃	80℃	251x30x16
SNP30-12VF-2	12V	0-30W	2.5A	≥0.9	45℃	80℃	251x30x16
SNP30-24VF-2	24V	0-30W	1.25A	≥0.9	45℃	80℃	251x30x16

Model No.	Constant output current	Load	Output voltage range	PF	Ta	Tc	L x W x H
SNP30-350IF-1	350mA	15-30W	43-86VDC	≥0.9	50℃	80℃	251x30x16
SNP30-500IF-1	500mA	15-30W	30-60VDC	≥0.9	50℃	80℃	251x30x16
SNP30-700IF-1	700mA	15-30W	21-43VDC	≥0.9	50℃	80℃	251x30x16
SNP30-1050IF-1	1050mA	15-30W	14-29VDC	≥0.9	50℃	80℃	251x30x16
SNP30-1400IF-1	1400mA	15-30W	11-22VDC	≥0.9	50℃	80℃	251x30x16

SELV SAA

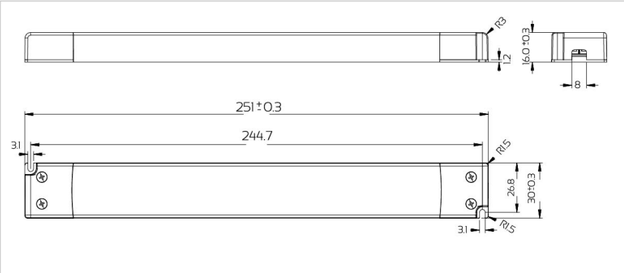
SNP45-VF-1

Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:45W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP45-12VF-1	12V	0-45W	3.75A	≥0.9	45℃	80℃	251x30x16
SNP45-24VF-1	24V	0-45W	1.87A	≥0.9	45℃	80℃	251x30x16

SELV SAA

SL60-VF

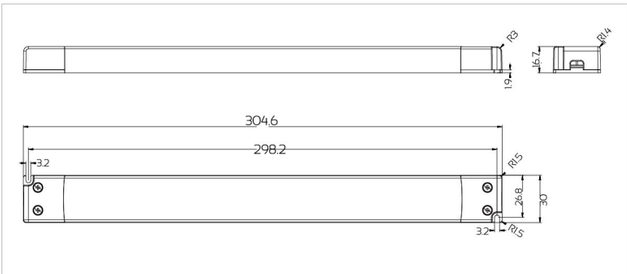
Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:60W/75W
- Body: PC
- Open Circuit; Short Circuit; Over Load;

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

SL75-VF

Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SL60-12VF	12V	0-60W	5.0A	⩾0.9	45℃	80℃	304.6x30x16.7
SL60-24VF	24V	0-60W	2.5A	⩾0.9	45℃	80℃	304.6x30x16.7
SL75-12VF	12V	0-75W	6.25A	⩾0.9	45℃	80℃	304.6x30x16.7
SL75-24VF	24V	0-75W	3.125A	⩾0.9	45℃	80℃	304.6x30x16.7

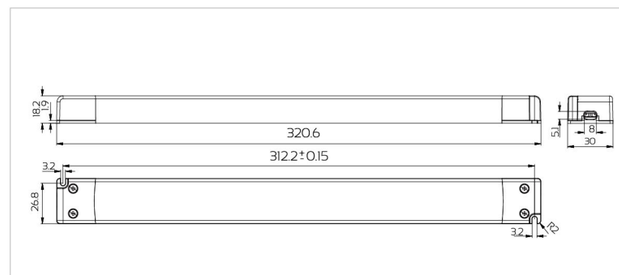
SNP100-VF-1/SNP100-VF-1S

Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:100W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP100-12VF-1	12V	0-100W	8.33A	⩾0.9	45℃	85℃	320.6x30x18.2
SNP100-24VF-1	24V	0-100W	4.17A	⩾0.9	45℃	85℃	320.6x30x18.2
SNP100-12VF-1S	12V	0-100W	8.33A	⩾0.9	45℃	85℃	320.6x30x18.2
SNP100-24VF-1S	24V	0-100W	4.17A	⩾0.9	45℃	85℃	320.6x30x18.2

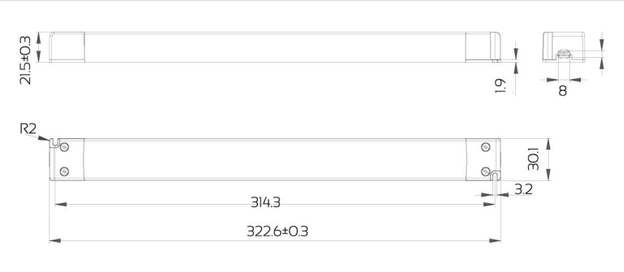
SNP150-VF-1

Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:150W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP150-12VF-1	12V	0-132W	11A	⩾0.95	45℃	90℃	322.6x30.1x21.5
SNP150-24VF-1	24V	0-150W	6.25A	⩾0.95	45℃	90℃	322.6x30.1x21.5

SELV

☑	☑	☐	☐	☑	☐	☐	☐	☐	☐

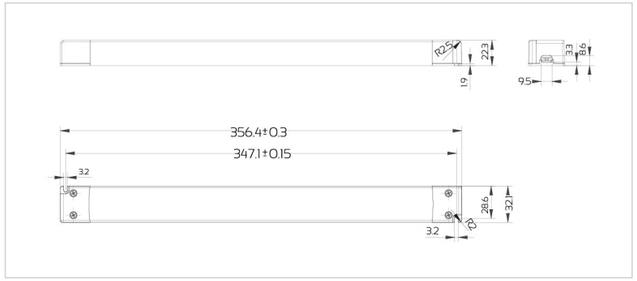
SNP200-VF-1

Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:200W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP200-12VF-1	12V	0-180W	15A	⩾0.95	45℃	85℃	356.4x32.1x22.3
SNP200-24VF-1	24V	0-200W	8.33A	⩾0.95	45℃	85℃	356.4x32.1x22.3

SELV

☑	☑	☐	☐	☑	☐	☐	☐	☐	☐

IP20 Regular Linetype Series

SL240-VF

Super thin 22.3mm
Thickness only

Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:200W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1， EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

High Reliability | Indoor | 3 Years | Low Ripple

Dimension in mm

Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SL240-24VF	24V	0-240W	10A	⩾0.95	45℃	90℃	356.4x32.1x22.3

SELV

SAA

Indoor Linetype LED Power Supply

Push In Clamp Terminal Series

Snappy Linetype LED power supply is a perfect solution for

LED lighting and LED sign applications

Short Circuit; Over Load, Over Voltage, Over Heat Protection.

Dimmable

Indoor Linetype LED Power Supply

Push In Clamp Terminal Series

Snappy Linetype LED power supply is a perfect solution for

LED lighting and LED sign applications

Short Circuit; Over Load, Over Voltage, Over Heat Protection.

Dimmable

SNP60-VFB-1

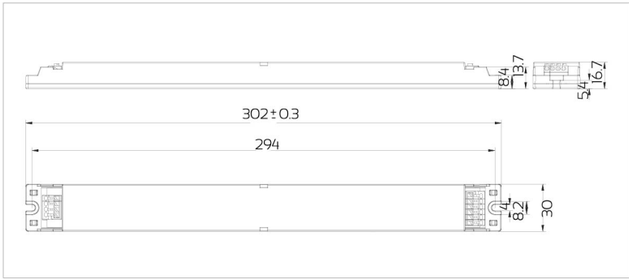
SNP60-VFD-1 DIMMABLE

Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:60W
- Body: PC
- Open Circuit; Short Circuit; Over Load;

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP60-12VFB-1	12V	0-60W	5.0A	⩾0.95	50°C	80°C	302x30x16.7
SNP60-24VFB-1	24V	0-60W	2.5A	⩾0.95	50°C	80°C	302x30x16.7
SNP60-12VFD-1	12V	0-60W	5.0A	⩾0.95	50°C	80°C	302x30x16.7
SNP60-24VFD-1	24V	0-60W	2.5A	⩾0.95	50°C	80°C	302x30x16.7

SELV SAA

SNP100-VFB-1

Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:100W
- Body: PC
- Open Circuit; Short Circuit; Over Load;

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

SNP100-VFD-1 DIMMABLE

High Reliability · Indoor · 3 Years · Low Ripple · 0-10 Vdc

Dimension in mm

Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP100-12VFB-1	12V	0-100W	8.33A	⩾0.95	55°C	80°C	318x30x18.2
SNP100-24VFB-1	24V	0-100W	4.17A	⩾0.95	55°C	80°C	318x30x18.2
SNP100-12VFD-1	12V	0-100W	8.33A	⩾0.95	55°C	80°C	318x30x18.2
SNP100-24VFD-1	24V	0-100W	4.17A	⩾0.95	55°C	80°C	318x30x18.2

SELV · SAA

SNP150-VFB-1

Reliable Technical Data

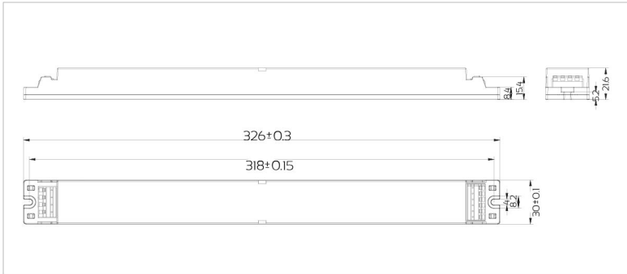
- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:150W
- Body: PC
- Open Circuit; Short Circuit; Over Load;

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

SNP150-VFD-1 DIMMABLE

High Reliability · Indoor · 3 Years · Low Ripple · 0-10 Vdc

Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP150-12VFB-1	12V	0-132W	11A	⩾0.95	50°C	80°C	326x30x21.6
SNP150-24VFB-1	24V	0-150W	6.25A	⩾0.95	50°C	80°C	326x30x21.6
SNP150-12VFD-1	12V	0-132W	11A	⩾0.95	50°C	80°C	326x30x21.6
SNP150-24VFD-1	24V	0-150W	6.25A	⩾0.95	50°C	80°C	326x30x21.6

SELV · SAA

Where can DALI LED Power Supply be used

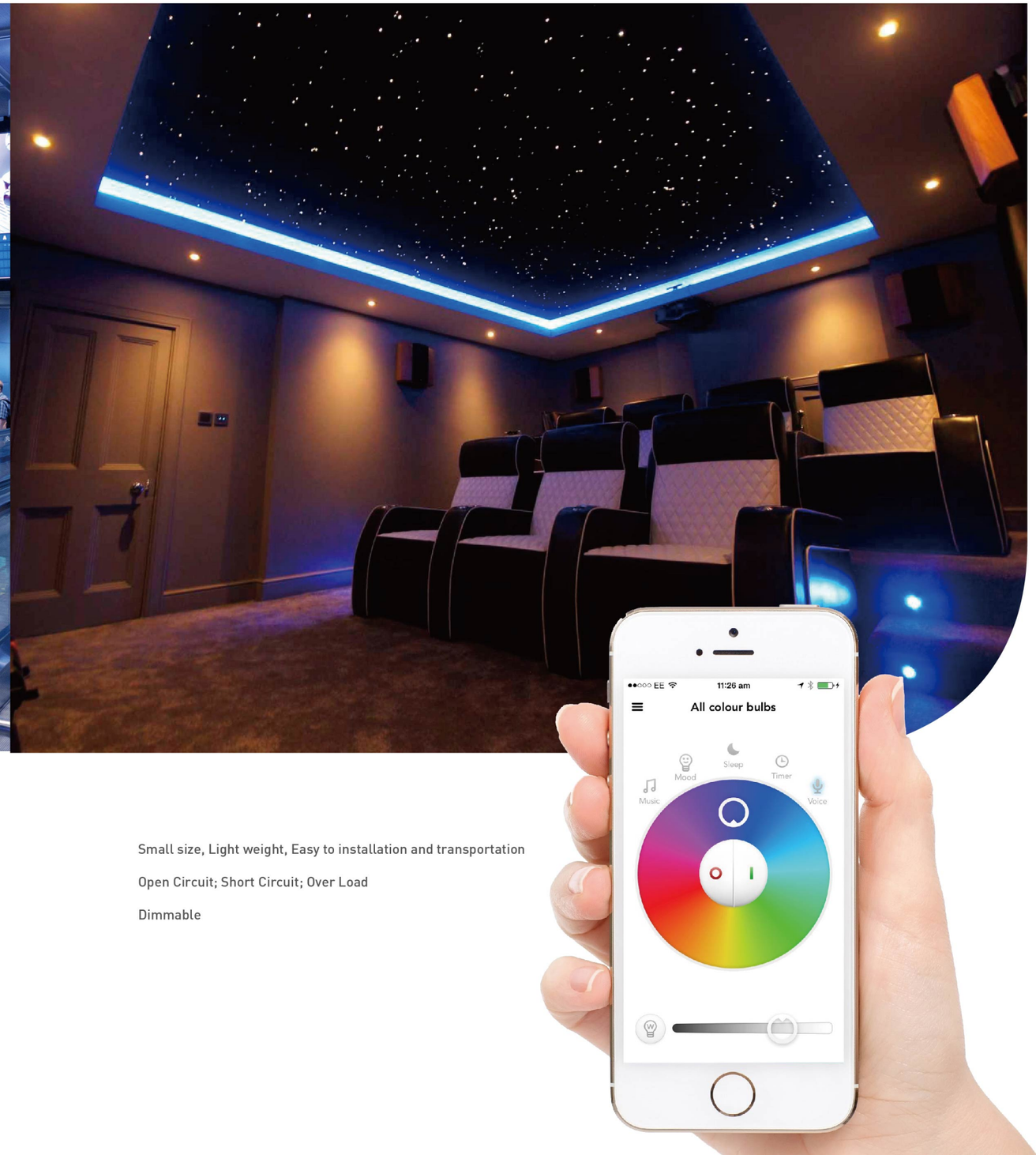
Application areas

- Offices
- Public Buildings, Airports and Subway

Brightness Adjustment

Color Change

DALI Dimmable Series



DALI Control

Smart

Touch

Sensor

Small size, Light weight, Easy to installation and transportation

Open Circuit; Short Circuit; Over Load

Dimmable

DALI Constant Voltage Dimmable Series

SNAPPY
KNOW HOW. NO LIMITS.

SDL60-VF

CV Version

SDL100-VF

CV Version

SDL150-VF

CV Version

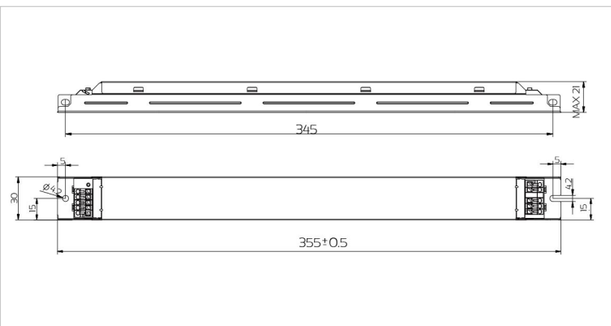
Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:60W/100W/150W
- Body: Metal
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012
- DALI 2 IEC62386

High Reliability | Indoor | 3 Years | Low Ripple

Dimension in mm



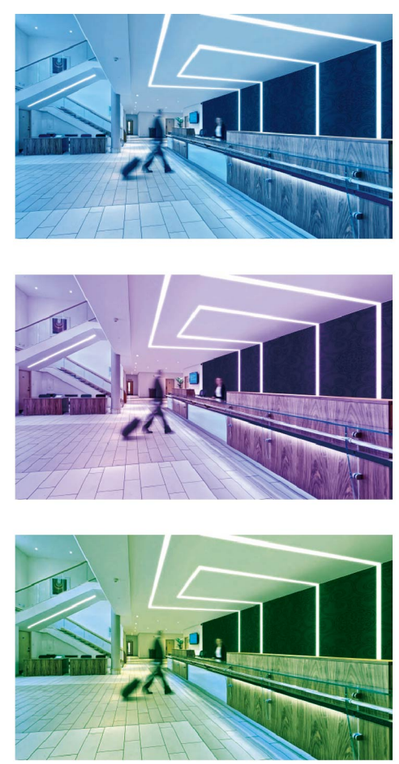
Characteristics

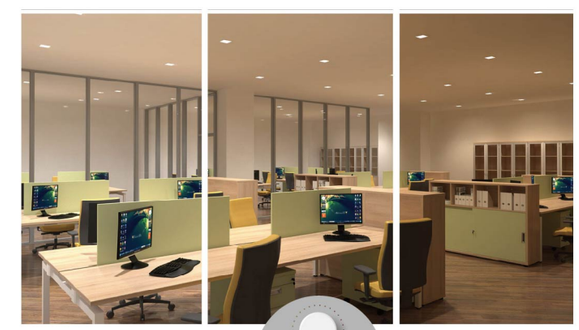
Rated input voltage: AC200-240V 50/60Hz (power factor measured at AC230V and full load)

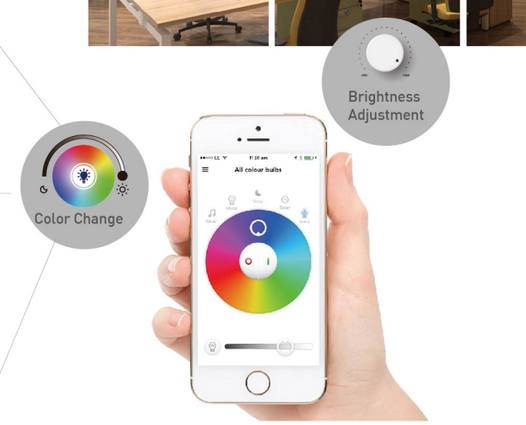
Model No.	Constant output voltage	Max output current	Power	PF	Ta	Tc	L x W x H
SDL60-12/24VFD (Brightness)	12V/24V	5.0A/2.5A	0-60W	⩾0.9	45°C	80°C	Pending
SDL60-12/24VFC (Color temperature)	12V/24V	5.0A/2.5A	0-60W	⩾0.9	45°C	80°C	Pending
SDL60-12/24VFR (RGBW)	12V/24V	5.0A/2.5A	0-60W	⩾0.9	45°C	80°C	Pending
SDL100-12/24VFD (Brightness)	12V/24V	8.33A/4.17A	0-100W	⩾0.9	45°C	85°C	355x30x21
SDL100-12/24VFC (Color temperature)	12V/24V	8.33A/4.17A	0-100W	⩾0.9	45°C	85°C	355x30x21
SDL100-12/24VFR (RGBW)	12V/24V	8.33A/4.17A	0-100W	⩾0.9	45°C	85°C	355x30x21
SDL150-12/24VFD (Brightness)	12V/24V	11A/6.25A	0-150W	⩾0.95	45°C	90°C	Pending
SDL150-12/24VFC (Color temperature)	12V/24V	11A/6.25A	0-150W	⩾0.95	45°C	90°C	Pending
SDL150-12/24VFR (RGBW)	12V/24V	11A/6.25A	0-150W	⩾0.95	45°C	90°C	Pending

SELV

SAA



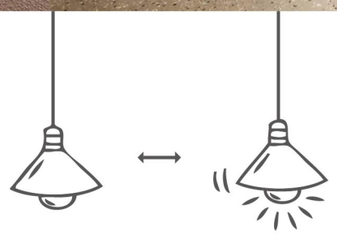




VFD: brightness adjustment
VFC: Color temperature adjustment
VFR: RGBW adjustment

DALI Controller

Dimming range: 0.1-100%



0%

100%

SDA-01

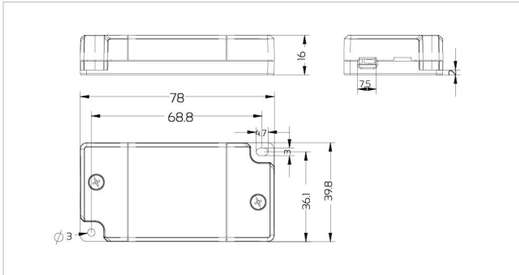
Reliable Technical Data

- Rated Input Voltage:12-24VDC
- Output Power:150W
- Dimension:L78xW39.8xH16mm
- Body:PC

- DALI IEC62386

- Suitable for indoor installations
- Intelligent digital dimmer (DALI) with constant output voltage
- Dimming range: 0.1-100%
- Device fits also for special applications where dimming below
- 1% is required

Dimension in mm



Model No.	Constant output voltage	Load	Max output Current	Ta	Tc	L x W x H
SDA-01	12-24V	0-150W	6.25A Max	50℃	60℃	78x39.8x16

Dimmable LED Power Supply

Three In One Dimmable Series

Triac Dimmable Series

Dimmable LED Power Supply

Triac Dimmable Series

Small size, Light weight, Easy to installation and transportation

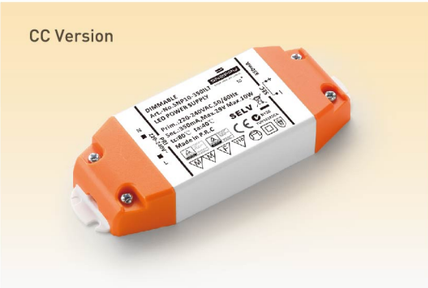
Open Circuit; Short Circuit; Over Load

Dimmable (Constant Current / Constant Voltage)

Triac Dimmable Series (Constant Current)

SNP10-ILT/SP10-ILT-1

DIMMABLE

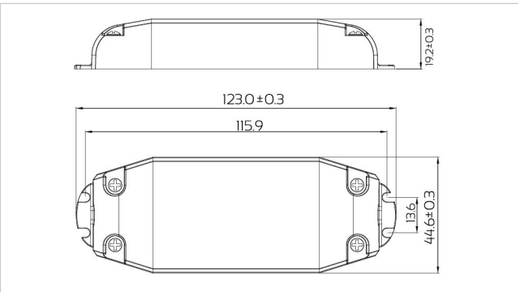


Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:10W
- Body: PC
- Open Circuit; Short Circuit; Over Load;

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

Dimension in mm



Characteristics

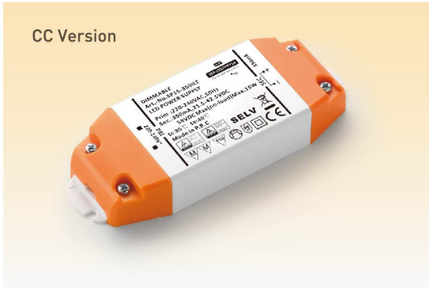
Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output current	Load	Output voltage range	PF	Ta	Tc	L x W x H
SNP10-350ILT	350mA	6-10W	17-28.5VDC	⩾0.8	40℃	80℃	123x44.6x19.2
SNP10-450ILT	450mA	8-10W	13.4-22VDC	⩾0.85	40℃	80℃	123x44.6x19.2
SP10-350ILT-1	350mA	2.8-10W	8-28VDC	⩾0.9	40℃	80℃	123x44.6x19.2
SP10-700ILT-1	700mA	2.8-10W	4-14VDC	⩾0.9	40℃	80℃	123x44.6x19.2

SELV SAA

SP15-ILT

DIMMABLE

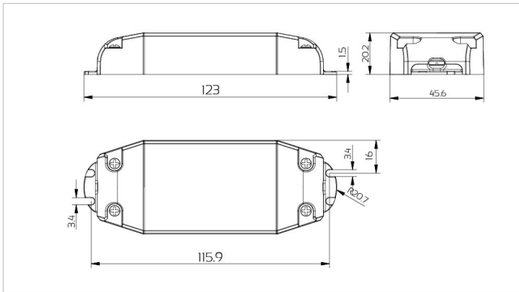


Reliable Technical Data

- Input Voltage Range:198-264VAC
- Input Frequency:50Hz
- Output Power:15W
- Body: PC
- Open Circuit; Short Circuit; Over Load;

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

Dimension in mm



Characteristics

Input Voltage Range: AC198-264V 50Hz (power factor measured at AC230V and full load)

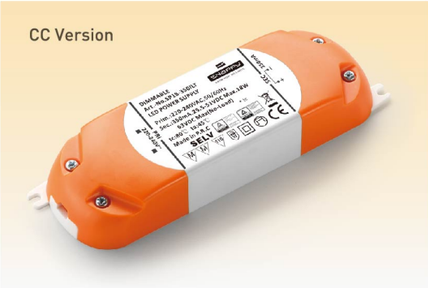
Model No.	Constant output current	Load	Output voltage range	PF	Ta	Tc	L x W x H
SP15-350ILT	350mA	7.5-15W	21.5-42.5VDC	⩾0.9	40℃	85℃	123x45.6x20.2
SP15-500ILT	500mA	7.5-15W	15-30VDC	⩾0.9	40℃	85℃	123x45.6x20.2
SP15-700ILT	700mA	7.5-15W	10.5-21.5VDC	⩾0.9	40℃	85℃	123x45.6x20.2

SELV SAA

Triac Dimmable Series (Constant Current)

SP18-ILT

DIMMABLE

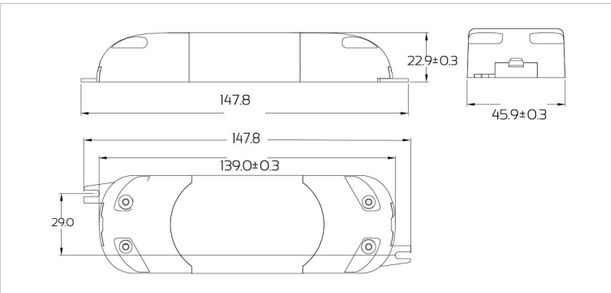


Reliable Technical Data

- Input Voltage Range:198-264VAC
- Input Frequency:50/60Hz
- Output Power:18W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

Dimension in mm



Characteristics

Input Voltage Range: AC198-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output current	Load	Output voltage range	PF	Ta	Tc	L x W x H
SP18-350ILT	350mA	9-18W	25.5-51VDC	⩾0.9	45°C	80°C	147.8x46x23
SP18-500ILT	500mA	9-18W	18-36VDC	⩾0.9	45°C	80°C	147.8x46x23
SP18-700ILT	700mA	9-18W	12.5-25.5VDC	⩾0.9	45°C	80°C	147.8x46x23

SELV

SAA

SP24-ILT

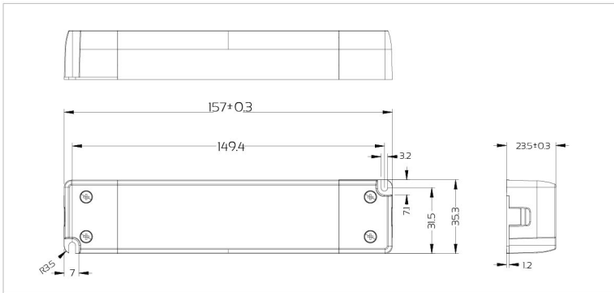
DIMMABLE

Reliable Technical Data

- Input Voltage Range:198-264VAC
- Input Frequency:50Hz
- Output Power:24W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

Dimension in mm



Characteristics

Input Voltage Range: AC198-264V 50Hz (power factor measured at AC230V and full load)

Model No.	Constant output current	Load	Output voltage range	PF	Ta	Tc	L x W x H
SP24-350ILT	350mA	12-24W	34-68.5VDC	⩾0.95	45°C	80°C	157x35.3x23.5
SP24-500ILT	500mA	12-24W	24-48VDC	⩾0.95	45°C	80°C	157x35.3x23.5
SP24-700ILT	700mA	12-24W	17-34VDC	⩾0.95	45°C	80°C	157x35.3x23.5
SP24-1050ILT	1050mA	12-24W	11-22.5VDC	⩾0.95	45°C	80°C	157x35.3x23.5

SELV

SAA

Triac Dimmable Series (Constant Voltage)

SP25-VFT(UL) DIMMABLE

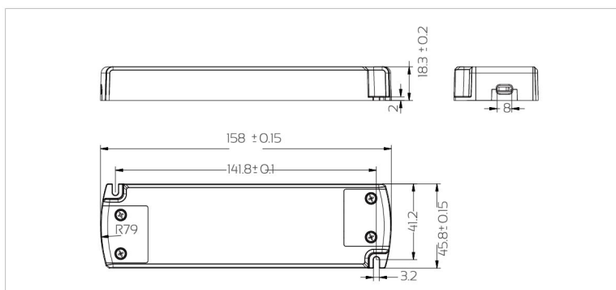
Reliable Technical Data

- Input Voltage Range:108-132VAC
- Input Frequency:60Hz
- Output Power:25W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Conforms to UL Std. 8750
- EMC: FCC PART15 ClassB

High Reliability | Indoor | 3 Years

Dimension in mm



Characteristics

Input Voltage Range: AC108-132V 60Hz (power factor measured at AC120V and full load)

Model No.	Constant output voltage	Load	Output current range	PF	Ta	Tc	L x W x H
SP25-12VFT(UL)	12V	6-25W	0.5-2.08A	⩾0.9	45℃	85℃	158x45.8x18.3
SP25-24VFT(UL)	24V	6-25W	0.25-1.04A	⩾0.9	45℃	85℃	158x45.8x18.3

SELV SAA

SP30-VFT/SP36-VFT DIMMABLE

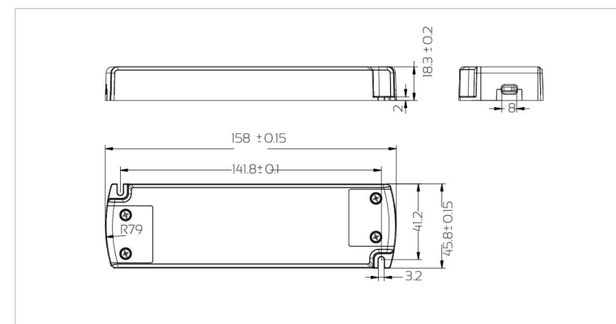
Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:30W/36W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

High Reliability | Indoor | 3 Years

Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Output current range	PF	Ta	Tc	L x W x H
SP30-12VFT	12V	6-30W	0.5-2.5A	⩾0.9	45℃	85℃	158x45.8x18.3
SP30-24VFT	24V	6-30W	0.25-1.25A	⩾0.9	45℃	85℃	158x45.8x18.3
SP36-12VFT	12V	12-36W	1-3A	⩾0.9	45℃	90℃	158x45.8x18.3
SP36-24VFT	24V	12-36W	0.5-1.5A	⩾0.9	45℃	90℃	158x45.8x18.3

SELV SAA

SP36-ILT

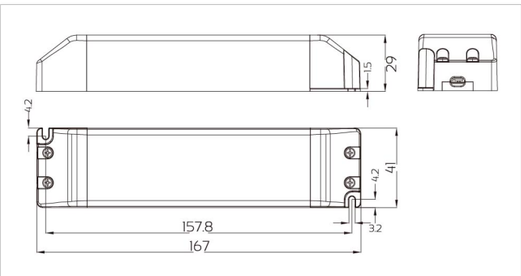
DIMMABLE

Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50Hz
- Output Power:36W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50Hz (power factor measured at AC230V and full load)

Model No.	Constant output current	Load	Output voltage range	PF	Ta	Tc	L x W x H
SP36-350ILT	350mA	15-30W	42.5-85.5VDC	⩾0.95	45°C	85°C	167x41x29
SP36-500ILT	500mA	18-36W	36-72VDC	⩾0.95	45°C	85°C	167x41x29
SP36-700ILT	700mA	18-36W	25.5-51VDC	⩾0.95	45°C	85°C	167x41x29
SP36-1050ILT	1050mA	18-36W	17-34VDC	⩾0.95	45°C	85°C	167x41x29

SELV

SAA

SP50-VFT

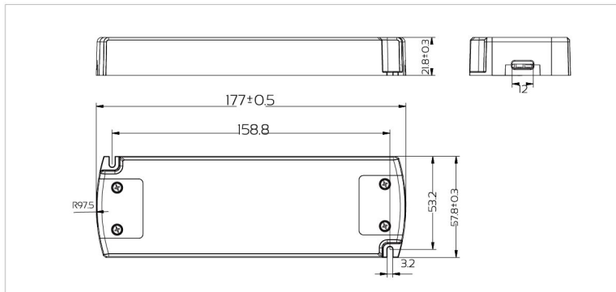
DIMMABLE

Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50Hz
- Output Power:50W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Output current range	PF	Ta	Tc	L x W x H
SP50-12VFT	12V	19-50W	1.6-4.16A	⩾0.9	45°C	85°C	177x57.8x21.8
SP50-24VFT	24V	19-50W	0.8-2.08A	⩾0.9	45°C	85°C	177x57.8x21.8

SELV

SAA

SP75-VLT

DIMMABLE

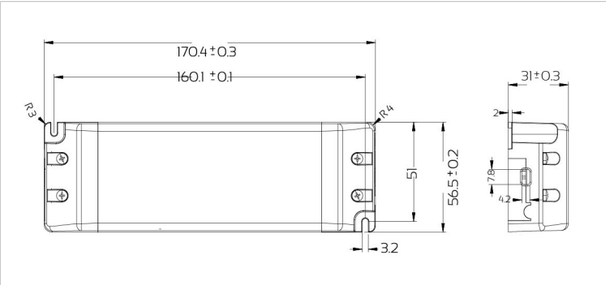
Reliable Technical Data

- Input Voltage Range: AC180-264VAC
- Input Frequency:50Hz
- Output Power:75W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

High Reliability | Indoor | 3 Years | Low Ripple

Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Output current range	PF	Ta	Tc	L x W x H
SP75-12VLT	12V	24-75W	2-6.25A	⩾0.9	45℃	85℃	170.4x56.5x31
SP75-24VLT	24V	24-75W	1-3.125A	⩾0.9	45℃	85℃	170.4x56.5x31

SELV SAA

SP100-VLT

DIMMABLE

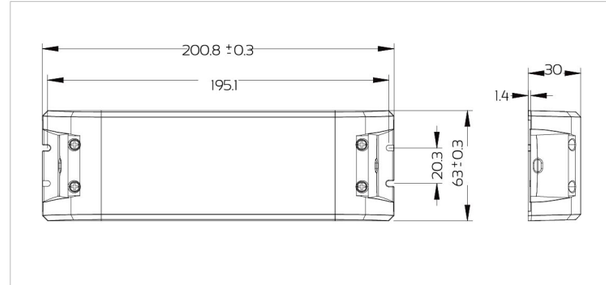
Reliable Technical Data

- Input Voltage Range: AC180-264VAC
- Input Frequency:50/60Hz
- Output Power:100W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

High Reliability | Indoor | 3 Years | Low Ripple

Dimension in mm



Characteristics

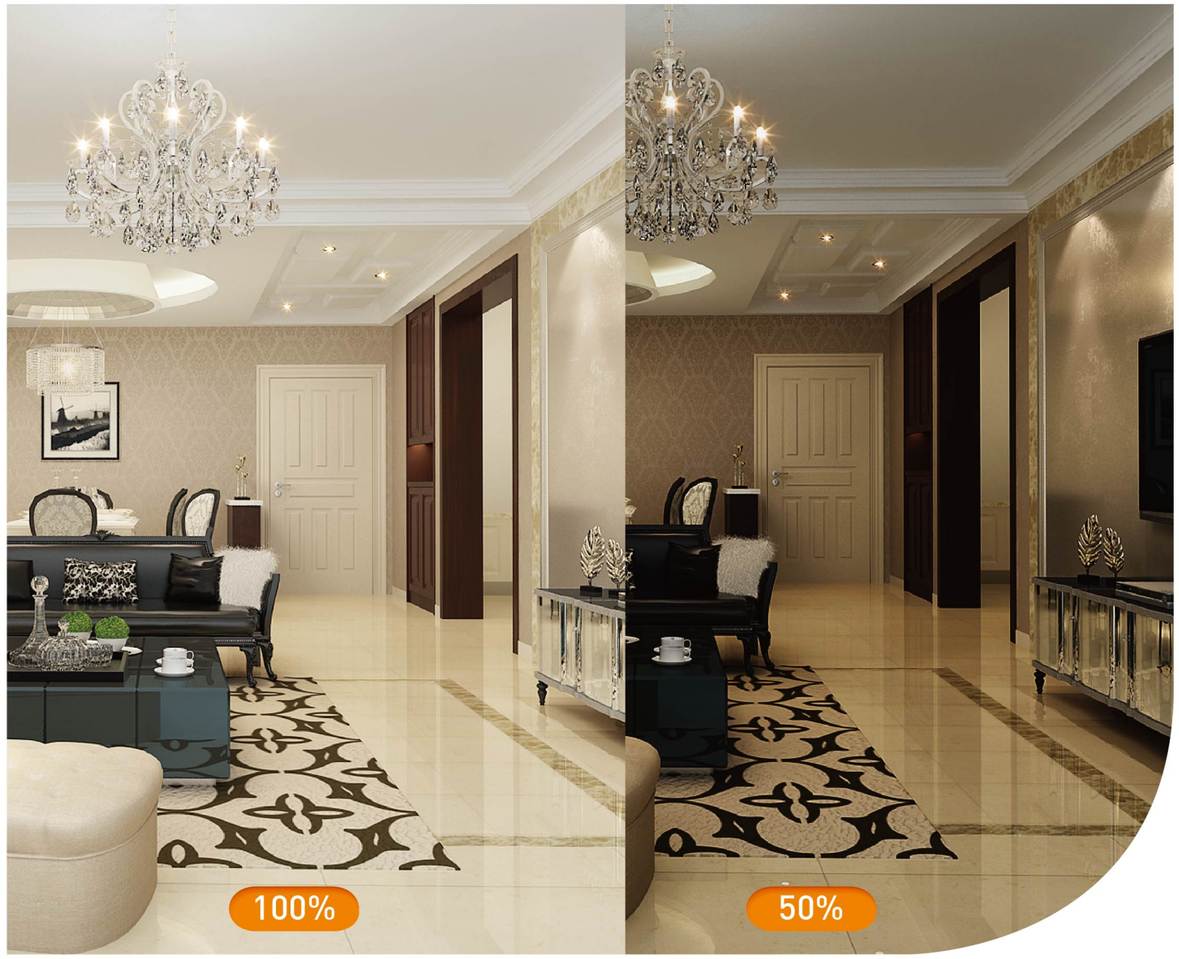
Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SP100-12VLT	12V	0-100W	8.33A	⩾0.9	45℃	85℃	200.8x63x30
SP100-24VLT	24V	0-100W	4.16A	⩾0.9	45℃	85℃	200.8x63x30

SELV SAA

Triac Three In One Series

Three In One Dimmable Series



Small size, Light weight, Easy to install and transportation

Open Circuit; Short Circuit; Over Load

Dimmable

SNP18-ILD DIMMABLE

0-10V dimming mode!

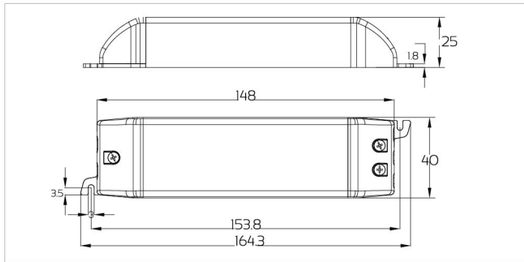
Reliable Technical Data

- Input Voltage Range:90-132VAC
- Input Frequency:60Hz
- Output Power:18W
- Body: PC
- Open Circuit; Short Circuit; Over Load;

- UL 8750
- FCC PART15 ClassB

High Reliability | Indoor | 3 Years | Low Ripple

Dimension in mm



Characteristics

Input Voltage Range: AC90-132V 60Hz (power factor measured at AC230V and full load)

Model No.	Output	Constant output current	Range	PF	Ta	Tc	L x W x H
SNP18-350ILD2(UL)	Output1	350mA	1-9W	⩾0.9	40℃	80℃	164.3x40x25
	Output2	350mA	1-9W	⩾0.9	40℃	80℃	164.3x40x25
SNP18-350ILD2-1(UL)	Output1	350mA	1-9W	⩾0.9	40℃	80℃	164.3x40x25
	Output2	350mA	1-9W	⩾0.9	40℃	80℃	164.3x40x25

SELV SAA

Triac Three In One Series 10W-100W

SP30-IL(UE)-1 DIMMABLE

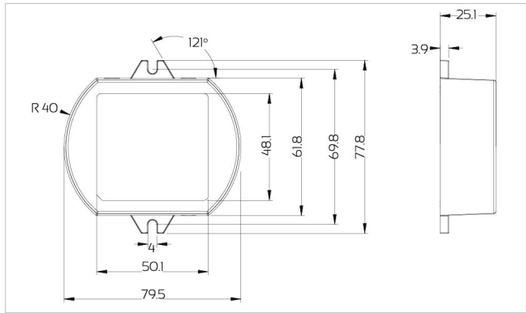
Combination of 1-10V, 0-10V, and PWM dimming modes!

Reliable Technical Data

- Input Voltage Range:90-305VAC
- Input Frequency:50/60Hz
- Output Power:30W
- Body: PC
- Open Circuit; Short Circuit; Over Load;

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012
- Conforms to UL Std. 8750
- FCC PART15 ClassB

Dimension in mm



Characteristics

Input Voltage Range: AC90-305V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output current	Load	Output voltage range	PF	Ta	Tc	L x W x H
SP30-350IL(UE)-1	350mA	15-30W	42.5-85.5VDC	⩾0.9	60°C	90°C	77.8x79.5x25.1
SP30-700IL(UE)-1	700mA	15-30W	21-42.5VDC	⩾0.9	60°C	90°C	77.8x79.5x25.1
SP30-950IL(UE)-1	950mA	15-30W	15.5-31.5VDC	⩾0.9	60°C	90°C	77.8x79.5x25.1
SP30-1050IL(UE)-1	1050mA	15-30W	14-28.5VDC	⩾0.9	60°C	90°C	77.8x79.5x25.1
SP30-1400IL(UE)-1	1400mA	15-30W	10.5-21VDC	⩾0.9	60°C	90°C	77.8x79.5x25.1

SELV SAA

SP75-IL(UE) DIMMABLE

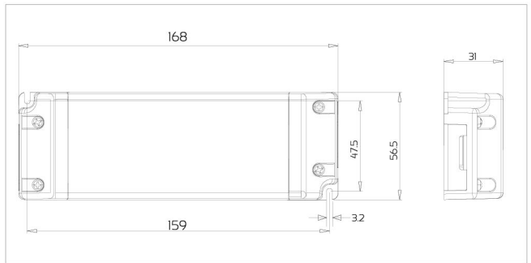
Combination of 1-10V, 0-10V, and PWM dimming modes!

Reliable Technical Data

- Input Voltage Range:90-264VAC
- Input Frequency:50/60Hz
- Output Power:75W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012
- Conforms to UL Std. 8750
- FCC PART15 ClassB

Dimension in mm



Characteristics

Input Voltage Range: AC90-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output current	Load	Output voltage range	PF	Ta	Tc	L x W x H
SP75-700IL(UE)	700mA	37.5-75W	53.5-107VDC	⩾0.95	45°C	80°C	168x56.5x31
SP75-950IL(UE)	950mA	37.5-75W	39.5-79VDC	⩾0.95	45°C	80°C	168x56.5x31
SP75-1050IL (UE)	1050mA	37.5-75W	36-72VDC	⩾0.95	45°C	80°C	168x56.5x31
SP75-1400IL (UE)	1400mA	37.5-75W	27-54VDC	⩾0.95	45°C	80°C	168x56.5x31
SP75-2100IL(UE)	2100mA	37.5-75W	18-36VDC	⩾0.95	45°C	80°C	168x56.5x31

SELV SAA

IP44 for mirror lighting application

Protection: Open Circuit; Short Circuit; Over Load

IP grade: IP44

IP44 Super Slim Series

SNP6-VFP/SNP6-IFP

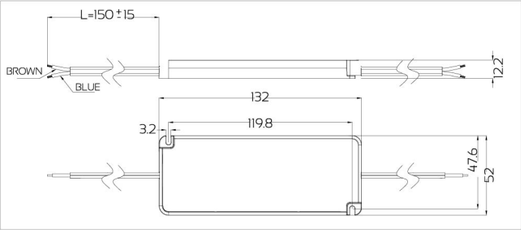
Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:6W
- Dimension:L132xW52xH12.2mm
- Body: PC Body with Protection Grade IP44
- Open Circuit; Short Circuit; Over Load;

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

High Reliability | Outdoor | 3 Years

Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L x W x H	IP
SNP6-12VFP	12V	0-6W	0.5A	⩾0.5	45℃	80℃	132x52x12.2	IP44
SNP6-24VFP	24V	0-6W	0.25A	⩾0.5	45℃	80℃	132x52x12.2	IP44

Model No.	Constant output current	Load	Max output Voltage	PF	Ta	Tc	L x W x H	IP
SNP6-350ILP	350mA	0-6W	18.5V	⩾0.5	45℃	80℃	132x52x12.2	IP44
SNP6-700ILP	700mA	0-6W	8.6V	⩾0.5	45℃	80℃	132x52x12.2	IP44

SELV | SAA

SNP12-VFP/SNP12-IFP

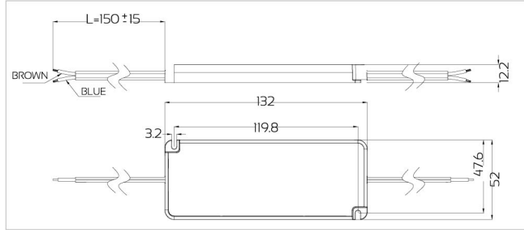
Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:12W
- Dimension:L132xW52xH12.2mm
- Body: PC Body with Protection Grade IP44
- Open Circuit; Short Circuit; Over Load;

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

High Reliability | Outdoor | 3 Years

Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L x W x H	IP
SNP12-12VFP	12V	0-12W	1.0A	⩾0.5	45℃	80℃	132x52x12.2	IP44
SNP12-24VFP	24V	0-12W	0.5A	⩾0.5	45℃	80℃	132x52x12.2	IP44

Model No.	Constant output current	Load	Max output Voltage	PF	Ta	Tc	L x W x H	IP
SNP12-350IFP	350mA	0-12W	34.3V	⩾0.5	45℃	80℃	132x52x12.2	IP44
SVP12-700IFP	700mA	0-12W	17.1V	⩾0.5	45℃	80℃	132x52x12.2	IP44

SELV | SAA

IP44 Super Slim Series

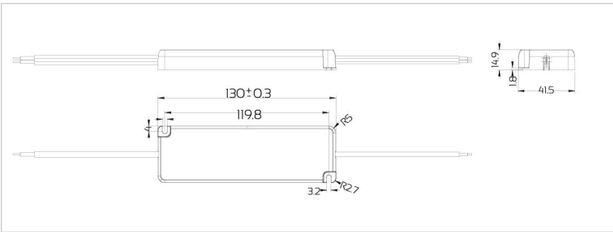
SNP15-VFP/SNP15-IFP

Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:15W
- Dimension:L130xW41.5xH14.9mm
- Body: PC Body with Protection Grade IP44
- Open Circuit; Short Circuit; Over Load;

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L x W x H	IP
SNP15-12VFP	12V	0-15W	1.25A	⩾0.5	50℃	80℃	130x41.5x14.9	IP44
SNP15-24VFP	24V	0-15W	0.625A	⩾0.5	50℃	80℃	130x41.5x14.9	IP44

Model No.	Constant output current	Load	Max output Voltage	PF	Ta	Tc	L x W x H	IP
SNP15-350IFP	350mA	7.5-15W	42.5V	⩾0.5	50℃	80℃	130x41.5x14.9	IP44
SVP15-500IFP	500mA	7.5-15W	30V	⩾0.5	50℃	80℃	130x41.5x14.9	IP44
SVP15-700IFP	700mA	7.35-15W	21.5V	⩾0.5	50℃	80℃	130x41.5x14.9	IP44

SELV SAA

SNP20-VFP

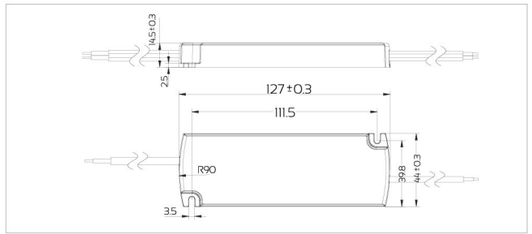
SNP30-VFP

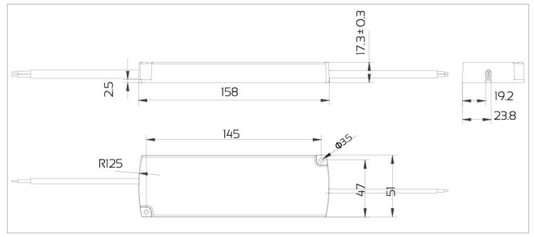
Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:20W/30W
- Dimension:L127xW44xH14.5mm (SNP20-VFP)
  L158xW51xH17.3mm (SNP30-VFP)
- Body: PC Body with Protection Grade IP44
- Open Circuit; Short Circuit; Over Load;

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

Dimension in mm





Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L x W x H	IP
SNP20-12VFP	12V	0-20W	1.66A	⩾0.5	45℃	80℃	127x44x14.5	IP44
SNP20-24VFP	24V	0-20W	0.83A	⩾0.5	45℃	80℃	127x44x14.5	IP44
SNP30-12VFP	12V	0-30W	2.5A	⩾0.9	45℃	85℃	158x51x17.3	IP44
SNP30-24VFP	24V	0-30W	1.25A	⩾0.9	45℃	85℃	158x51x17.3	IP44

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IP44 Super Slim Series

SNAPPY
KNOW HOW. NO LIMITS.

SNP60-VFP

Reliable Technical Data

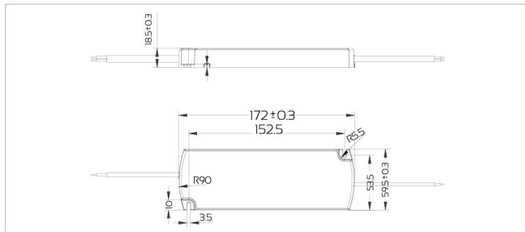
- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:60W/75W
- Dimension:L172xW59.5xH18.5mm
- Body: PC Body with Protection Grade IP44
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

SNP75-VFP

High Reliability | Outdoor | 3 Years

Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L x W x H	IP
SNP60-12VFP	12V	0-60W	5.0A	⩾0.9	45℃	80℃	172x59.5x18.5	IP44
SNP60-24VFP	24V	0-60W	2.5A	⩾0.9	45℃	80℃	172x59.5x18.5	IP44
SNP75-12VFP	12V	0-75W	6.25A	⩾0.9	45℃	80℃	172x59.5x18.5	IP44
SNP75-24VFP	24V	0-75W	3.12A	⩾0.9	45℃	80℃	172x59.5x18.5	IP44

SELV | SAA

SNP100-VFP

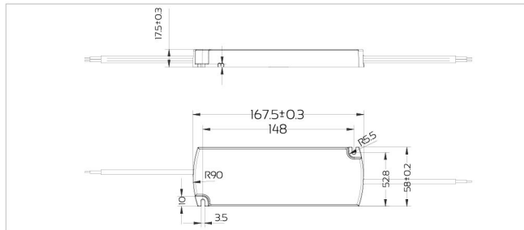
Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:100W
- Dimension:L167.5xW58xH17.5mm
- Body: PC Body with Protection Grade IP44
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

High Reliability | Outdoor | 3 Years

Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L x W x H	IP
SNP100-12VFP	12V	0-100W	8.33A	⩾0.9	45℃	80℃	167.5x58x17.5	IP44
SNP100-24VFP	24V	0-100W	4.16A	⩾0.9	45℃	80℃	167.5x58x17.5	IP44

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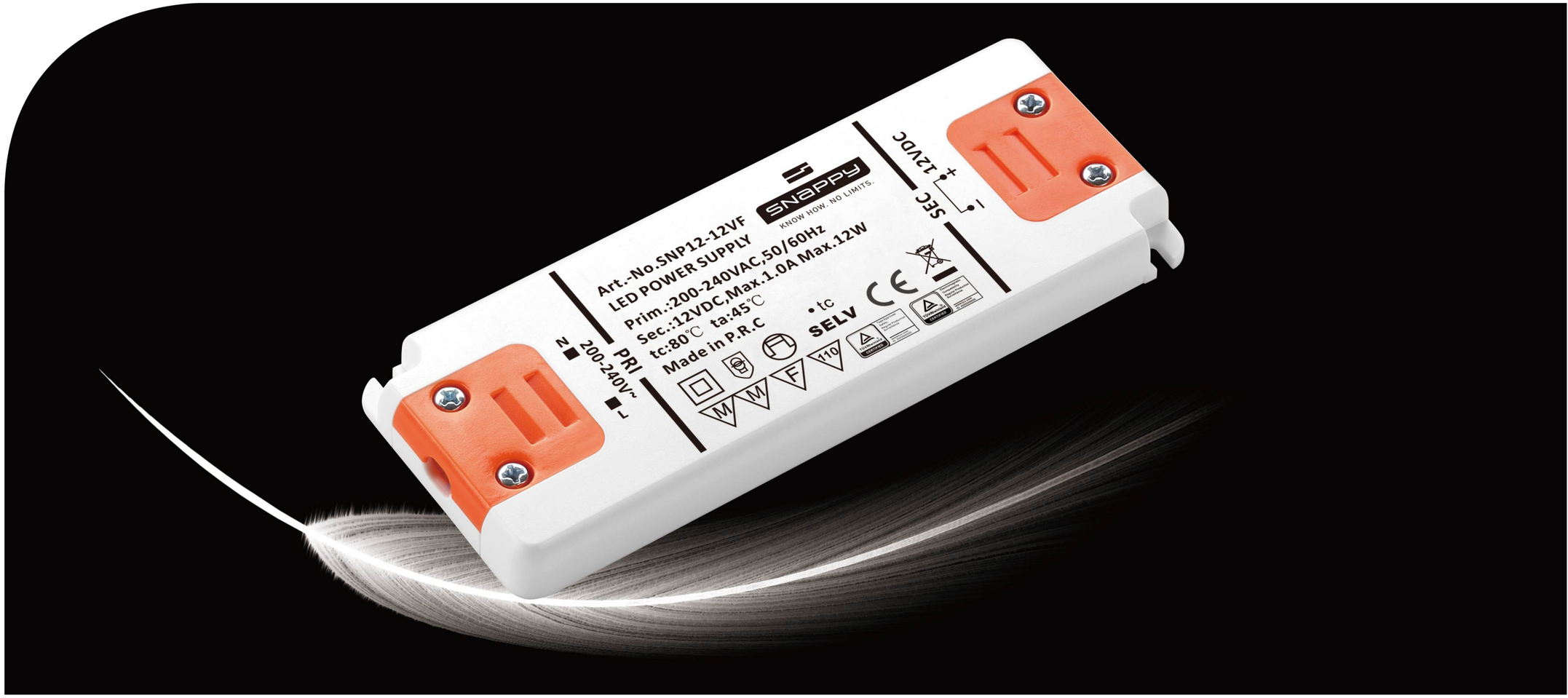
Regular & Super Slim Series

IP20 Super Slim Series



Slim LED drivers with height of 10.7mm

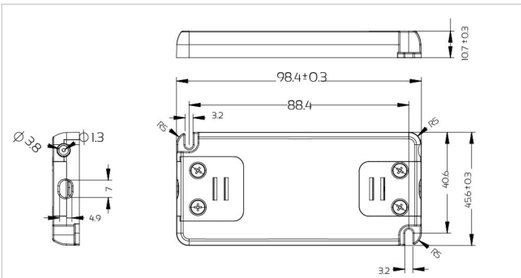
SNP6-VF/SNP6-IF

Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:6W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

Dimension in mm



NEW direct plug-in feature

Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP6-12VF	12V	0-6W	0.5A	⩾0.5	45℃	80℃	98.4x45.6x10.7
SNP6-24VF	24V	0-6W	0.25A	⩾0.5	45℃	80℃	98.4x45.6x10.7

Model No.	Constant output current	Load	Max output voltage	PF	Ta	Tc	L x W x H
SNP6-350IF	350mA	0-6W	17.5VDC	⩾0.5	45℃	80℃	98.4x45.6x10.7
SNP6-500IF	500mA	0-6W	12VDC	⩾0.5	45℃	80℃	98.4x45.6x10.7
SNP6-700IF	700mA	0-6W	9VDC	⩾0.5	45℃	80℃	98.4x45.6x10.7

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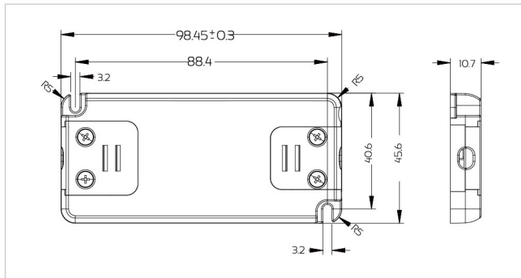
SNP12-VF-1

Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:12W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP12-12VF-1	12V	0-12W	1.0A	⩾0.5	45℃	85℃	98.4x45.6x10.7
SNP12-24VF-1	24V	0-12W	0.5A	⩾0.5	45℃	85℃	98.4x45.6x10.7

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IP20 Super Slim Series

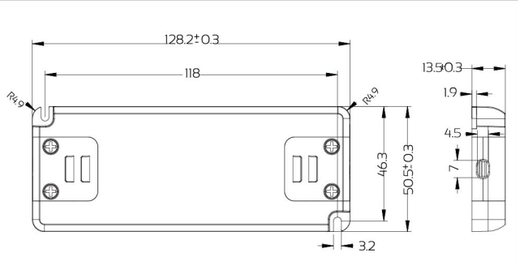
SNP15-VF/SNP15-IF
SNP15-IF-1

Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:15W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP15-12VF	12V	0-15W	1.25A	≥0.5	45℃	75℃	128.4x50.6x13.5
SNP15-24VF	24V	0-15W	0.625A	≥0.5	45℃	75℃	128.4x50.6x13.5

Model No.	Constant output current	Load	Output voltage range	PF	Ta	Tc	L x W x H
SNP15-350IF	350mA	10.5-15W	30-43VDC	≥0.5	45℃	75℃	128.4x50.6x13.5
SNP15-500IF	500mA	10-15W	20-30VDC	≥0.5	45℃	75℃	128.4x50.6x13.5
SNP15-700IF	700mA	8.4-14.7W	12-21VDC	≥0.5	45℃	75℃	128.4x50.6x13.5
SNP15-350IF-1	350mA	7.35-14.7W	21-42VDC	≥0.5	45℃	75℃	128.4x50.6x13.5
SNP15-700IF-1	700mA	7.35-14.7W	10.5-21VDC	≥0.5	45℃	75℃	128.4x50.6x13.5

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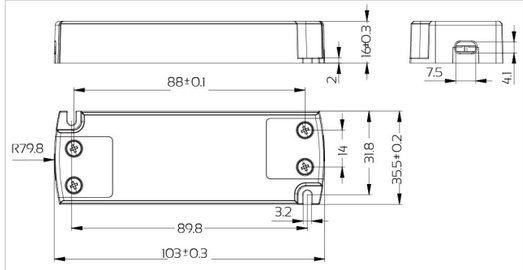
SNP15-VF-1

Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:15W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP15-12VF-1	12V	0-15W	1.25A	≥0.5	45℃	80℃	103x35.5x16
SNP15-24VF-1	24V	0-15W	0.625A	≥0.5	45℃	80℃	103x35.5x16

SELV

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Regular & Super Slim Series 6W-320W

IP20 Super Slim Series

SNP20-VF/SNP20-IF

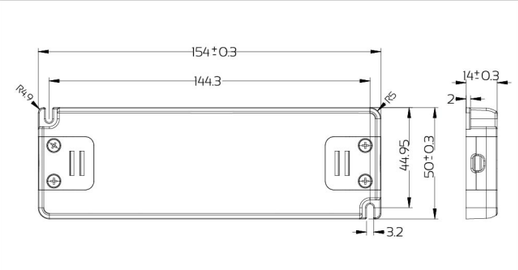
Super thin 14 mm
Thickness only

Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:20W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP20-12VF	12V	0-20W	1.67A	⩾0.5	45°C	80°C	154x50x14
SNP20-24VF	24V	0-20W	0.84A	⩾0.5	45°C	80°C	154x50x14

Model No.	Constant output current	Load	Max output voltage	PF	Ta	Tc	L x W x H
SNP20-350IF	350mA	10.5-19.6W	56VDC	⩾0.5	45°C	80°C	154x50x14
SNP20-500IF	500mA	11-20W	40VDC	⩾0.5	45°C	80°C	154x50x14
SNP20-700IF	700mA	9.8-20.3W	29VDC	⩾0.5	45°C	80°C	154x50x14

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SNP20-VF-E

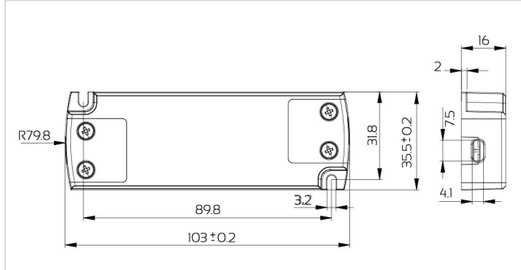
Super thin 16 mm
Thickness only

Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:20W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP20-12VF-E	12V	0-20W	1.67A	⩾0.5	45°C	80°C	103x35x16
SNP20-24VF-E	24V	0-20W	0.84A	⩾0.5	45°C	80°C	103x35x16

SELV

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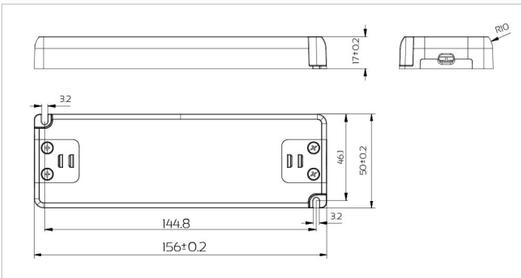
SNP30-VF-3

Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:30W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP30-12VF-3	12V	0-30W	2.5A	⩾0.9	45℃	85℃	156x50x17
SNP30-24VF-3	24V	0-30W	1.25A	⩾0.9	45℃	85℃	156x50x17

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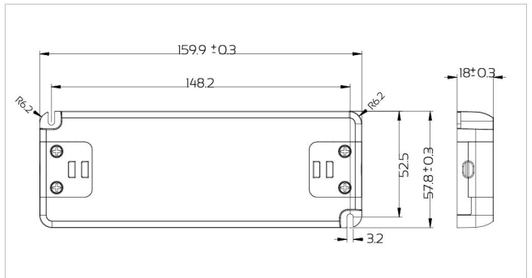
SNP40-VF/SNP40-IF

Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:40W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP40-12VF	12V	0-40W	3.333A	⩾0.9	45℃	80℃	159.9x57.8x18
SNP40-24VF	24V	0-40W	1.667A	⩾0.9	45℃	80℃	159.9x57.8x18

Model No.	Constant output current	Load	Max output voltage	PF	Ta	Tc	L x W x H
SNP40-500IF	500mA	20-40W	80VDC	⩾0.9	45℃	80℃	159.9x57.8x18
SNP40-700IF	700mA	20-40W	57VDC	⩾0.9	45℃	80℃	159.9x57.8x18
SNP40-1050IF	1050mA	20-40W	38VDC	⩾0.9	45℃	80℃	159.9x57.8x18
SNP40-1400IF	1400mA	19.6-40W	29VDC	⩾0.9	45℃	80℃	159.9x57.8x18
SNP40-2100IF	2100mA	21-40W	19VDC	⩾0.9	45℃	80℃	159.9x57.8x18

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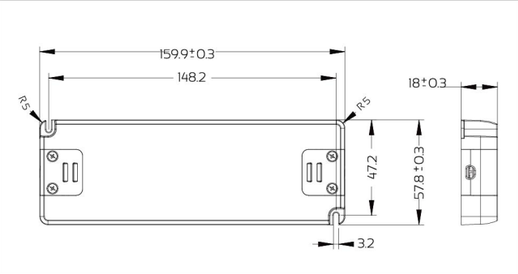
SNP50-VF-1/SNP50-VF-2

Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:50W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP50-12VF-1 (Hiccup)	12V	0-50W	4.2A	⩾0.9	45℃	85℃	159.9x57.8x18
SNP50-24VF-1 (Hiccup)	24V	0-50W	2.08A	⩾0.9	45℃	85℃	159.9x57.8x18

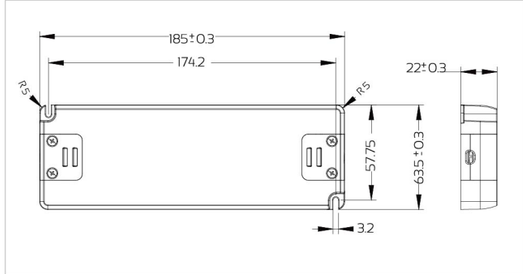
SNP60-VF/SNP60-IF

Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:60W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP60-12VF	12V	0-60W	5.0A	⩾0.9	45℃	85℃	185x63.5x22
SNP60-24VF	24V	0-60W	2.5A	⩾0.9	45℃	85℃	185x63.5x22

Model No.	Constant output current	Load	Max output voltage	PF	Ta	Tc	L x W x H
SNP60-500IF	500mA	30-60W	120VDC	⩾0.9	45℃	85℃	185x63.5x22
SNP60-700IF	700mA	30-60W	86VDC	⩾0.9	45℃	85℃	185x63.5x22
SNP60-1050IF	1050mA	30-60W	57VDC	⩾0.9	45℃	85℃	185x63.5x22
SNP60-1400IF	1400mA	30-60W	42.5VDC	⩾0.9	45℃	85℃	185x63.5x22
SNP60-2100IF	2100mA	30-60W	28.5VDC	⩾0.9	45℃	85℃	185x63.5x22

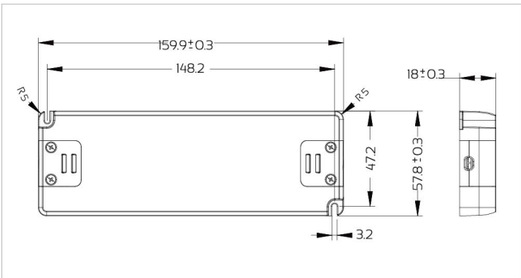
SNP75-VF

Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:75W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP75-12VF	12V	0-75W	6.25A	⩾0.9	45℃	85℃	159.9x57.8x18
SNP75-24VF	24V	0-75W	3.125A	⩾0.9	45℃	85℃	159.9x57.8x18

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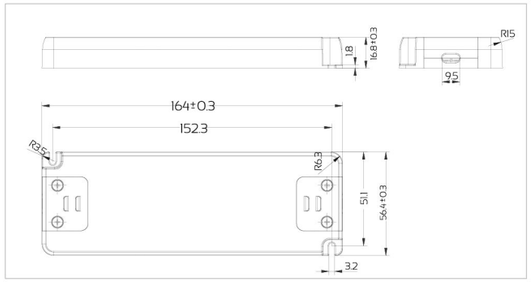
SNP100-VF

Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:100W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP100-12VF	12V	0-100W	8.33A	⩾0.9	45℃	90℃	164x56.4x16.8
SNP100-24VF	24V	0-100W	4.17A	⩾0.9	45℃	90℃	164x56.4x16.8

SELV SAA

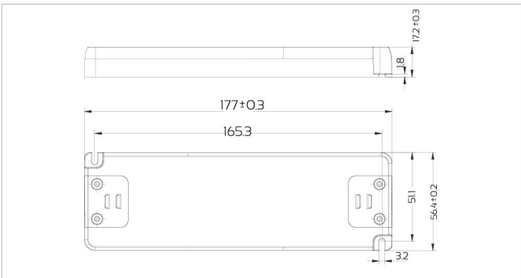
SNP150-VF

Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:150W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP150-12VF	12V	0-132W	11A	⩾0.9	45℃	90℃	177x56.4x17.2
SNP150-24VF	24V	0-150W	6.25A	⩾0.9	45℃	90℃	177x56.4x17.2

SELV

SAA

IP20 Regular Series

Open Circuit; Short Circuit; Over Load; Over Heat Protection

High power with plastic case and terminal block

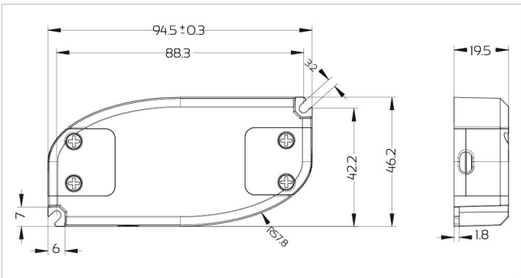
SNP8-VL/SNP8-IL/SNP8-VL-1/SNP8-IL-1

Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:8W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP8-12VL	12V	0-8W	0.67A	≥0.8	45℃	75℃	94.5x46.2x19.5
SNP8-24VL	24V	0-8W	0.33A	≥0.8	45℃	75℃	94.5x46.2x19.5
SNP8-12VL-1	12V	0-8W	0.67A	≥0.5	45℃	75℃	94.5x46.2x19.5
SNP8-24VL-1	24V	0-8W	0.33A	≥0.5	45℃	75℃	94.5x46.2x19.5

Model No.	Constant output current	Load	Output voltage range	PF	Ta	Tc	L x W x H
SNP8-350IL	350mA	4.2-8.4W	12-24VDC	≥0.8	45℃	75℃	94.5x46.2x19.5
SNP8-500IL	500mA	4-8W	8-16VDC	≥0.8	45℃	75℃	94.5x46.2x19.5
SNP8-700IL	700mA	4.2-8.4W	6-12VDC	≥0.8	45℃	75℃	94.5x46.2x19.5
SNP8-350IL-1	350mA	4.2-8.4W	12-24VDC	≥0.5	45℃	75℃	94.5x46.2x19.5
SNP8-500IL-1	500mA	4-8W	8-16VDC	≥0.5	45℃	75℃	94.5x46.2x19.5
SNP8-700IL-1	700mA	4.2-8.4W	6-12VDC	≥0.5	45℃	75℃	94.5x46.2x19.5

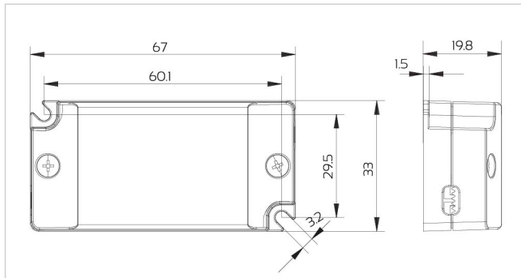
SNP8-VL-2/SNP8-IL-2

Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:8W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

Dimension in mm



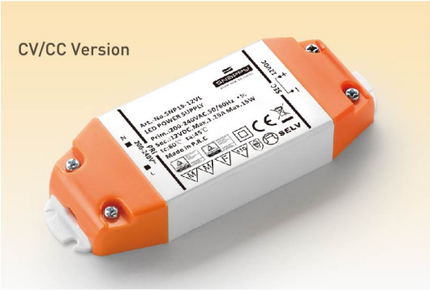
Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP8-12VL-2	12V	0-8W	0.67A	≥0.5	45℃	75℃	67x33x19.8
SNP8-24VL-2	24V	0-8W	0.33A	≥0.5	45℃	75℃	67x33x19.8

Model No.	Constant output current	Load	Output voltage range	PF	Ta	Tc	L x W x H
SNP8-350IL-2	350mA	2-8W	5.7-22.5VDC	≥0.5	45℃	75℃	67x33x19.8
SNP8-500IL-2	500mA	2-8W	4-16VDC	≥0.5	45℃	75℃	67x33x19.8
SNP8-700IL-2	700mA	2-8W	3-11.5VDC	≥0.5	45℃	75℃	67x33x19.8

SNP15-VL/SNP15-IL/SNP15-IL-1

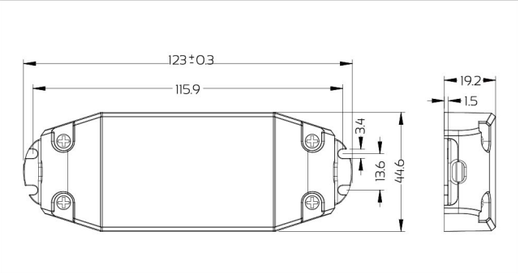


Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:15W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP15-12VL	12V	0-15W	1.25A	⩾0.5	45°C	80°C	123x44.6x19.2
SNP15-24VL	24V	0-15W	0.625A	⩾0.5	45°C	80°C	123x44.6x19.2

Model No.	Constant output current	Load	Output voltage range	PF	Ta	Tc	L x W x H
SNP15-350IL	350mA	10.5-15W	30-42VDC	⩾0.5	45°C	80°C	123x44.6x19.2
SNP15-700IL	700mA	10.5-15W	15-21VDC	⩾0.5	45°C	80°C	123x44.6x19.2
SNP15-350IL-1	350mA	7.5-15W	21-42VDC	⩾0.5	45°C	80°C	123x44.6x19.2
SNP15-500IL-1	500mA	7.5-15W	15-30VDC	⩾0.5	45°C	80°C	123x44.6x19.2
SNP15-700IL-1	700mA	7.5-15W	10.5-21VDC	⩾0.5	45°C	80°C	123x44.6x19.2

SELV

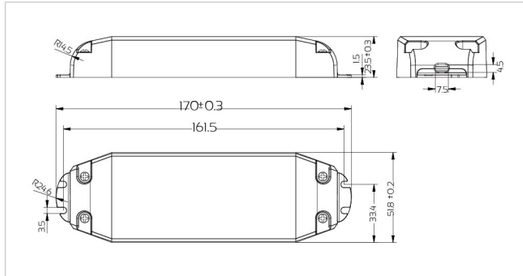
SNP30-VL-1

Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:8W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP30-12VL-1	12V	0-30W	2.5A	⩾0.9	45°C	80°C	170x51.8x23.5
SNP30-24VL-1	24V	0-30W	1.25A	⩾0.9	45°C	80°C	170x51.8x23.5

SELV

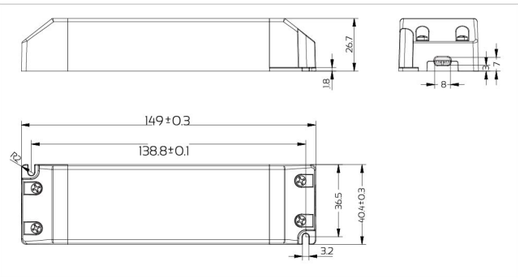
SE30-VL

Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:8W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SE30-12VL	12V	0-30W	2.5A	⩾0.9	45℃	80℃	149x40.4x26.7
SE30-24VL	24V	0-30W	1.25A	⩾0.9	45℃	80℃	149x40.4x26.7

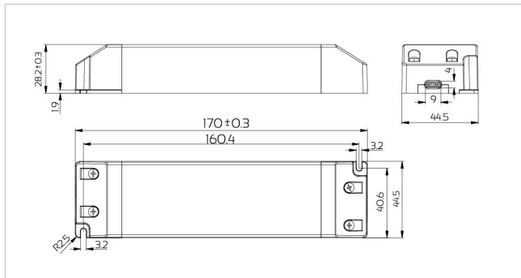
SE60-VL

Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:60W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SE60-12VL	12V	0-60W	5.0A	>0.9	45℃	90℃	170x44.5x28.2
SE60-24VL	24V	0-60W	2.5A	>0.9	45℃	90℃	170x44.5x28.2

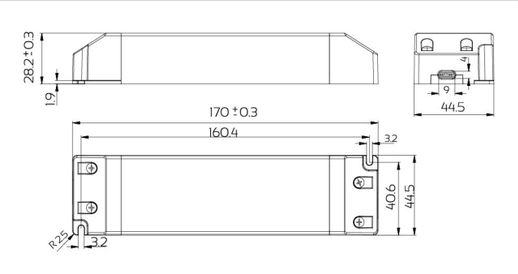
SNP75-VL-E

Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:75W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

Dimension in mm



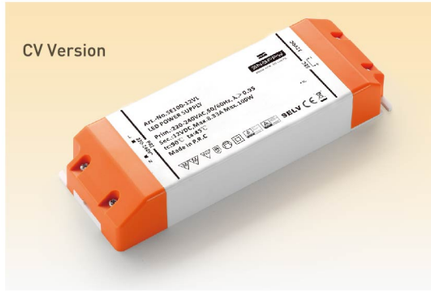
Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP75-12VL-E	12V	0-70W	5.83A	>0.9	45°C	85°C	170x44.5x28.2
SNP75-24VL-E	24V	0-75W	3.13A	>0.9	45°C	85°C	170x44.5x28.2

SELV SAA

SE100-VL



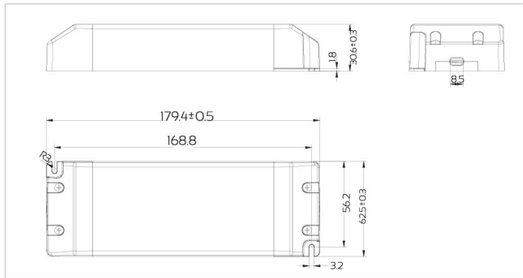
Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:100W/150W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

SE150-VL

Dimension in mm



Characteristics

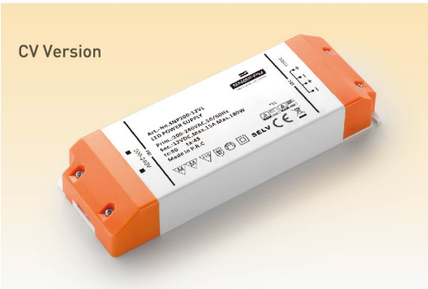
Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SE100-12VL	12V	0-100W	8.33A	≥0.9	45°C	90°C	179.4x62.5x30.6
SE100-24VL	24V	0-100W	4.17A	≥0.9	45°C	90°C	179.4x62.5x30.6
SE150-12VL	12V	0-132W	11A	≥0.9	45°C	90°C	179.4x62.5x30.6
SE150-24VL	24V	0-150W	6.25A	≥0.9	45°C	90°C	179.4x62.5x30.6

SELV SAA

Regular & Super Slim Series 6W-320W

SNP200-VL



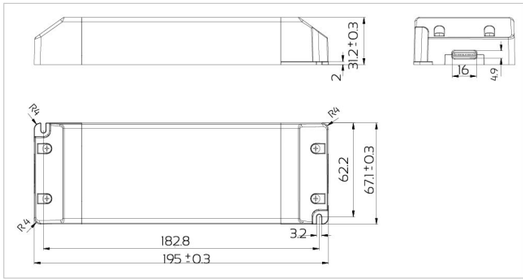
SNP250-VL

Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:200W/250W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP200-12VL	12V	0-180W	15A	⩾0.9	45℃	80℃	195x67.1x31.2
SNP200-24VL	24V	0-200W	8.33A	⩾0.9	45℃	80℃	195x67.1x31.2
SNP250-12VL	12V	0-216W	18A	⩾0.9	45℃	90℃	195x67.1x31.2
SNP250-24VL	24V	0-250W	10.4A	⩾0.9	45℃	90℃	195x67.1x31.2

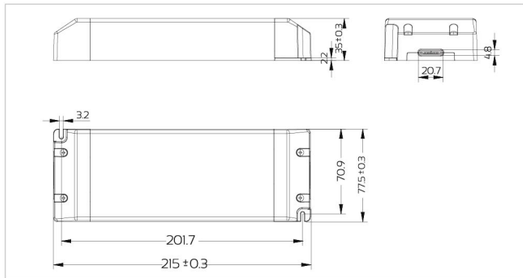
SNP320-VL

Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:320W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP320-12VL	12V	0-260W	21.7A	⩾0.9	45℃	85℃	215x77.5x35
SNP320-24VL	24V	0-320W	13.3A	⩾0.9	45℃	85℃	215x77.5x35

Regular & Super Slim Series

UE Series

Open Circuit; Short Circuit; Over Load; Over Heat Protection

High power with plastic case and terminal block

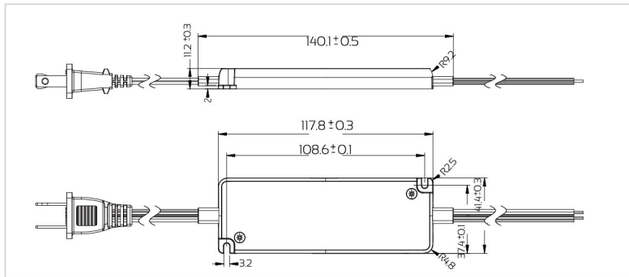
SNP6-VF(UE)/SNP6-IF(UE)/ SNP6-IF(UE)-1

Reliable Technical Data

- Input Voltage Range:90-264VAC
- Input Frequency:50/60Hz
- Output Power:6W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1， EN61347-2-13, UL8750
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

Dimension in mm



Characteristics

Input Voltage Range: AC90-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP6-12VF(UE)	12V	0-6W	0.5A	⩾0.45	50℃	75℃	117.8x41.5x11.2
SNP6-24VF(UE)	24V	0-6W	0.25A	⩾0.45	50℃	75℃	117.8x41.5x11.2

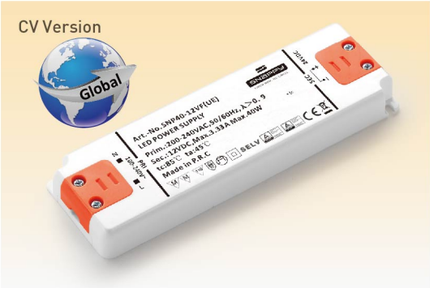
Model No.	Constant output current	Load	Output voltage range	PF	Ta	Tc	L x W x H
SNP6-350IF(UE)	350mA	0.5-6W	1.4-17.2VDC	⩾0.45	50℃	80℃	117.8x41.5x11.2
SNP6-500IF(UE)	500mA	0.5-6W	1-12VDC	⩾0.45	50℃	80℃	117.8x41.5x11.2
SNP6-700IF(UE)	700mA	0.5-6W	0.7-8.6VDC	⩾0.45	50℃	80℃	117.8x41.5x11.2
SNP6-350IF(UE)-1	350mA	2.5-6W	7-17VDC	⩾0.45	50℃	75℃	117.8x41.5x11.2
SNP6-500IF(UE)-1	500mA	2.5-6W	5-12VDC	⩾0.45	50℃	75℃	117.8x41.5x11.2
SNP6-700IF(UE)-1	700mA	2.5-6W	3-9VDC	⩾0.45	50℃	75℃	117.8x41.5x11.2

SELV

SAA

SNAPPY
KNOW HOW. NO LIMITS.

SNP40-VF(UE)

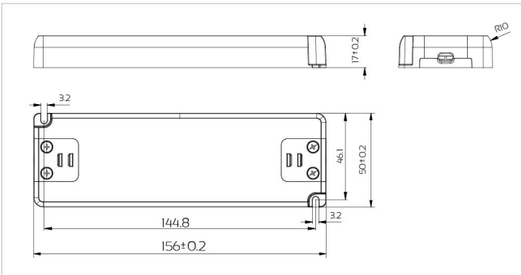


Reliable Technical Data

- Input Voltage Range:90-264VAC
- Input Frequency:50/60Hz
- Output Power:40W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012
- Conforms to UL Std. 8750
- FCC PART15 ClassB

Dimension in mm



Characteristics

Input Voltage Range: AC90-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP40-12VF(UE)	12V	0-40W	3.33A	⩾0.9	50°C	85°C	156x50x17
SNP40-24VF(UE)	24V	0-40W	1.67A	⩾0.9	50°C	85°C	156x50x17

SELV SAA

SNP50-VF(UE)

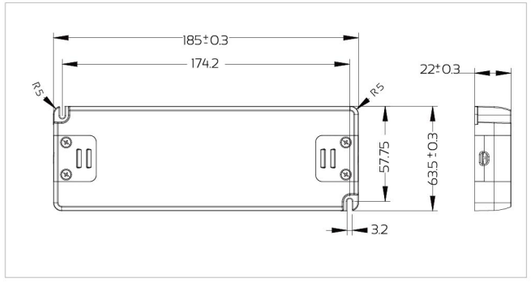
SNP60-VF(UE)

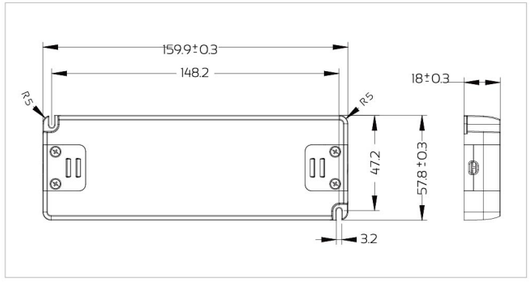
Reliable Technical Data

- Input Voltage Range:90-264VAC
- Input Frequency:50/60Hz
- Output Power:50W/60W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012
- Conforms to UL Std. 8750
- FCC PART15 ClassB

Dimension in mm





Characteristics

Input Voltage Range: AC90-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP50-12VF(UE)	12V	0-50W	4.17A	⩾0.9	50°C	80°C	185x63.5x22
SNP50-24VF(UE)	24V	0-50W	2.08A	⩾0.9	50°C	80°C	185x63.5x22
SNP60-12VF(UE)	12V	0-60W	5.0A	⩾0.9	50°C	90°C	159.9x57.8x18
SNP60-24VF(UE)	24V	0-60W	2.5A	⩾0.9	50°C	90°C	159.9x57.8x18

SELV SAA

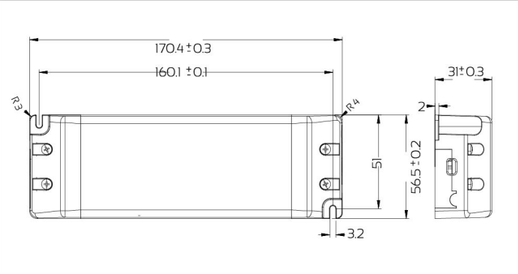
SNP75-VL(UE)/SNP75-IL(UE)

Reliable Technical Data

- Input Voltage Range:90-264VAC
- Input Frequency:50/60Hz
- Output Power:75W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012
- Conforms to UL Std. 8750
- FCC PART15 ClassB

Dimension in mm



Characteristics

Input Voltage Range: AC90-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP75-12VL(UE)	12V	0-75W	6.25A	⩾0.9	45℃	80℃	170.4x56.5x31
SNP75-24VL(UE)	24V	0-75W	3.12A	⩾0.9	45℃	80℃	170.4x56.5x31

Model No.	Constant output current	Load	Output voltage range	PF	Ta	Tc	L x W x H
SNP75-700IL(UE)	700mA	37.5-75W	53.5-107VDC	⩾0.9	45℃	80℃	170.4x56.5x31
SNP75-950IL(UE)	950mA	37.5-75W	39.5-79VDC	⩾0.9	45℃	80℃	170.4x56.5x31
SNP75-1050IL(UE)	1050mA	37.5-75W	36-72VDC	⩾0.9	45℃	80℃	170.4x56.5x31
SNP75-1400IF(UE)	1400mA	37.5-75W	27-54VDC	⩾0.9	45℃	80℃	170.4x56.5x31
SNP75-2100IF(UE)	2100mA	37.5-75W	18-36VDC	⩾0.9	45℃	80℃	170.4x56.5x31

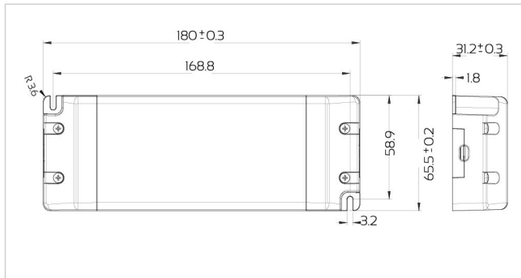
SNP100-VL(UE)

Reliable Technical Data

- Input Voltage Range:90-264VAC
- Input Frequency:50/60Hz
- Output Power:100W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012
- Conforms to UL Std. 8750
- FCC PART15 ClassB

Dimension in mm



Characteristics

Input Voltage Range: AC90-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP100-12VL(UE)	12V	0-100W	8.33A	⩾0.9	45℃	80℃	180x65.5x31.2
SNP100-24VL(UE)	24V	0-100W	4.16A	⩾0.9	45℃	80℃	180x65.5x31.2
SNP100-36VL(UE)	36V	0-100W	2.77A	⩾0.9	45℃	80℃	180x65.5x31.2

Low ripple ensures the security and stability of LEDs improves LED lighting effect, reduces optical decay.

Protection: Open Circuit; Short Circuit; Over Load

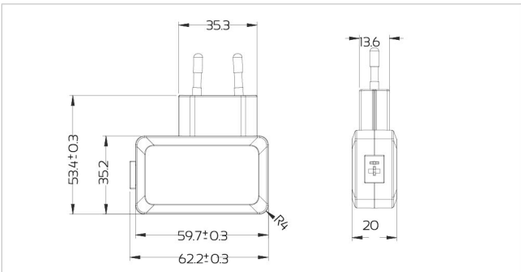
SNP8-VLW/SNP8-ILW

Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:8W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
  EMF According to EN62493
- ERP According to EN1194-2012

Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP8-12VLW	12V	0-8W	0.67A	⩾0.8	40℃	75℃	62.2x53.4x20
SNP8-24VLW	24V	0-8W	0.33A	⩾0.8	40℃	75℃	62.2x53.4x20

Model No.	Constant output current	Load	Max output voltage	PF	Ta	Tc	L x W x H
SNP8-350ILW	350mA	3-8W	22.5VDC	⩾0.8	40℃	75℃	62.2x53.4x20
SNP8-500ILW	500mA	3-8W	16VDC	⩾0.8	40℃	75℃	62.2x53.4x20
SNP8-700ILW	700mA	3-8W	11.5VDC	⩾0.8	40℃	75℃	62.2x53.4x20

SELV SAA

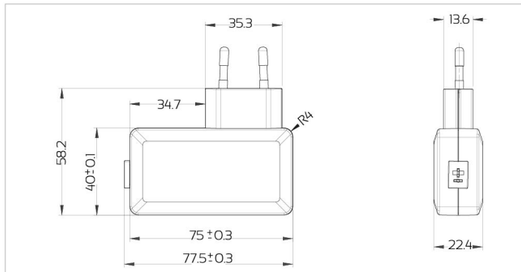
SNP12-VLW/SNP12-ILW

Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:12W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
  EMF According to EN62493
- ERP According to EN1194-2012

Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP12-12VLW	12V	0-12W	1.0A	⩾0.7	40℃	75℃	77.5x58.2x22.4
SNP12-24VLW	24V	0-12W	0.5A	⩾0.7	40℃	75℃	77.5x58.2x22.4

Model No.	Constant output current	Load	Max output voltage	PF	Ta	Tc	L x W x H
SNP12-350ILW	350mA	6-12W	34.5VDC	⩾0.7	40℃	75℃	77.5x58.2x22.4
SNP12-500ILW	500mA	6-12W	24VDC	⩾0.7	40℃	75℃	77.5x58.2x22.4
SNP12-700ILW	700mA	6-12W	17.5VDC	⩾0.7	40℃	75℃	77.5x58.2x22.4

SELV SAA

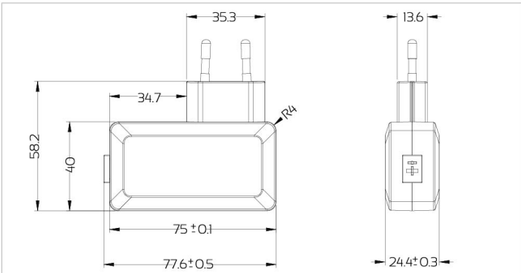
SNP15-VLW/SNP15-ILW

Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:15W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
  EMF According to EN62493
- ERP According to EN1194-2012

Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP15-12VLW	12V	0-15W	1.25A	⩾0.7	45℃	80℃	77.6x58.2x24.4
SNP15-24VLW	24V	0-15W	0.625A	⩾0.7	45℃	80℃	77.6x58.2x24.4

Model No.	Constant output current	Load	Max output voltage	PF	Ta	Tc	L x W x H
SNP15-350ILW	350mA	6-15W	43VDC	⩾0.7	40℃	80℃	77.6x58.2x24.4
SNP15-500ILW	500mA	6-15W	30VDC	⩾0.7	40℃	80℃	77.6x58.2x24.4
SNP15-700ILW	700mA	6-15W	22VDC	⩾0.7	40℃	80℃	77.6x58.2x24.4

SELV SAA

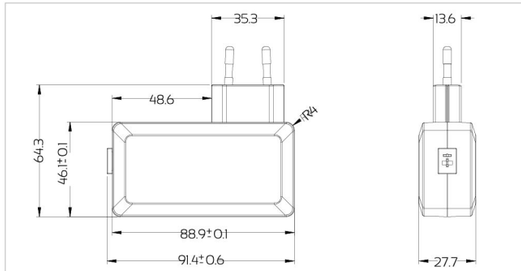
SNP24-VLW/SNP24-ILW

Reliable Technical Data

Input Voltage Range:180-264VAC
Input Frequency:50/60Hz
Output Power:24W
Body: PC
Open Circuit; Short Circuit; Over Load;
Over Heat Protection

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
  EMF According to EN62493
- ERP According to EN1194-2012

Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

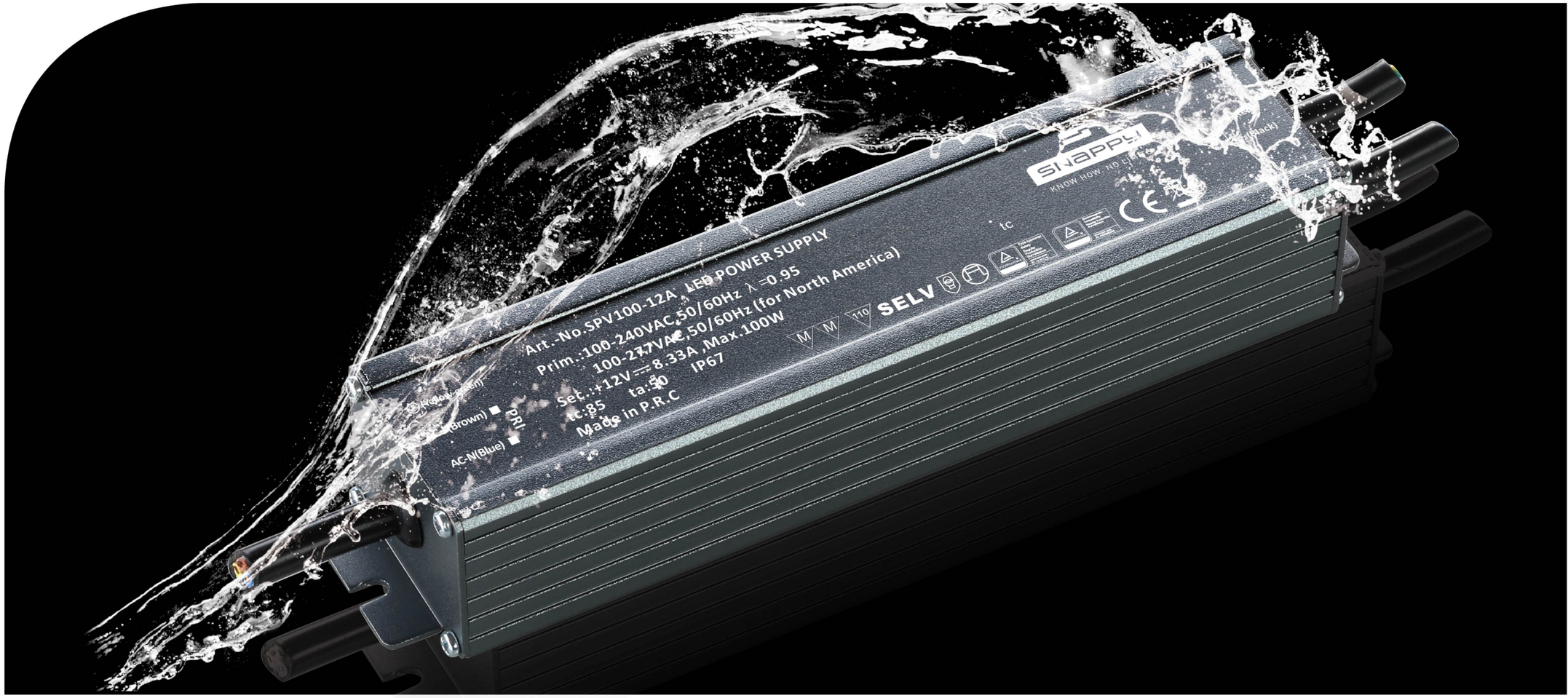
Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP24-12VLW	12V	0-24W	2A	⩾0.9	45℃	80℃	91.4x64.3x27.7
SNP24-24VLW	24V	0-24W	1A	⩾0.9	45℃	80℃	91.4x64.3x27.7

Model No.	Constant output current	Load	Max output voltage	PF	Ta	Tc	L x W x H
SNP24-350ILW	350mA	11.9-23.8W	68VDC	⩾0.9	45℃	80℃	91.4x64.3x27.7
SNP24-500ILW	500mA	12-24W	48VDC	⩾0.9	45℃	80℃	91.4x64.3x27.7
SNP24-700ILW	700mA	11.9-24.5W	35VDC	⩾0.9	45℃	80℃	91.4x64.3x27.7

SELV SAA

Special LED Power Supply

Outdoor SPV Series



B-type, 0-10V 1-10V and PWM Dimmable drivers

Protection: Open Circuit; Short Circuit; Over Load; Over heat

Metal case with protection grade IP67

3 IN 1
Dimmable

Outdoor SPV Series

SPV100-A

SPV100-B

DIMMABLE

Reliable Technical Data

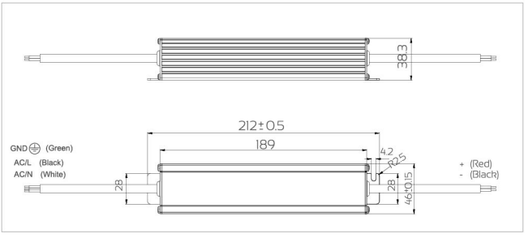
- Input Voltage Range:90-305 VAC
- IP67 design for indoor or outdoor installation
- Protections:short circuit/over load/over voltage/over temperature
- Built in active PFC function
- Cooling by free air, high reliability
- 100% burn-in with full load
- Suitable for LED lighting and moving sign applications

- A series: Constant voltage output
- B series: 0-10Vdc, 1-10Vdc, PWM dimming, constant voltage output
- Compliance to worldwide safety regulation for led lightings

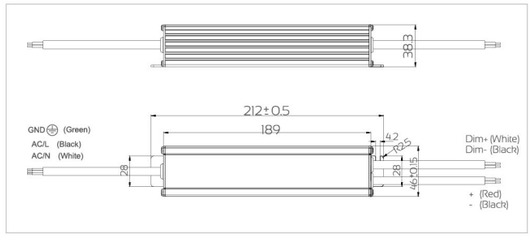
- Safety standards to EN61347-1，EN61347-2-13, UL8750
- Withstand voltage to I/P：-O/P：5.3KV DC 1 minute
- Isolation resistance to I/P：-O/P，I/P-FG：50M Ohm / 500VDC / 25°C / 70%RH
- EMC emission to EN55015, FCC PART15 ClssB
- EMC immunity to EN61000-4-2、3、4、5、6、8、11; EN55024；EN61547
- Harmonic current to EN61000-3-2 CLASS C（100% load）

High Reliability | Outdoor | 0-10Vdc | 5 Years | Low Ripple

Dimension in mm



SPV100-A



SPV100-B

Characteristics

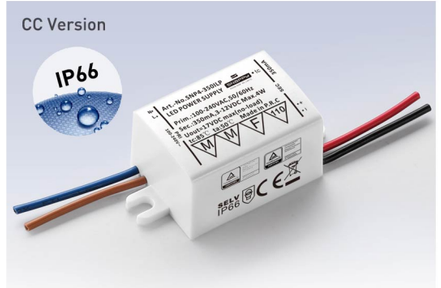
Input Voltage Range: AC90-305V 50/60Hz (power factor measured at AC230V and full load)

Model No.	DC voltage	Load	PF	Ta	Tc	Efficiency	L x W x H	IP
SPV100-12A/B	12V	0-100W	⩾0.95	50°C	85°C	88%	212x46x38.3	IP67
SPV100-24A/B	24V	0-100W	⩾0.98	50°C	85°C	90%	212x46x38.3	IP67

SELV SAA

SNP4-ILP

LED set
Class 2 & SELV Output



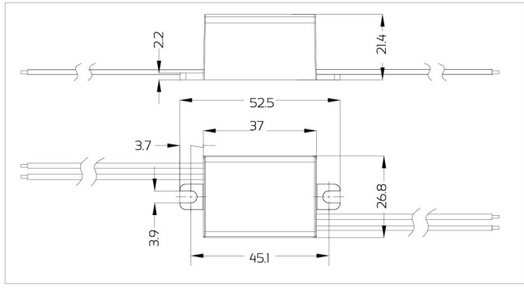
Reliable Technical Data

- Input Voltage Range:90-264VAC
- Input Frequency:50/60Hz
- Output Power:4W
- Dimension:L52.5xW26.8xH21.4mm
- Body: PC with Protection Grade IP66
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1，EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF Accordi16g to EN62493
- ERP According to EN1194-2012
- Conforms to UL Std. 8750
- FCC PART15 ClssB

High Reliability | Outdoor | 5 Years | Low Ripple

Dimension in mm



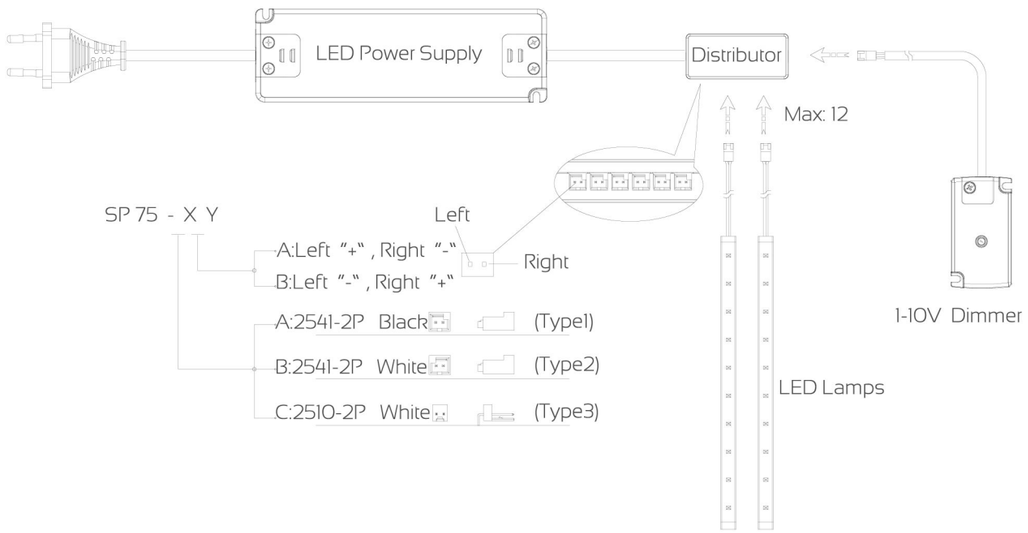
Characteristics

Input Voltage Range: AC90-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output current	Load	Max output Voltage	PF	Ta	Tc	L x W x H	IP
SNP4-350ILP	350mA	1-4W	12VDC	⩾0.4	50°C	85°C	52.5x26.8x21.4	IP66
SNP4-500ILP	500mA	1.5-4W	9.5VDC	⩾0.4	50°C	85°C	52.5x26.8x21.4	IP66
SNP4-700ILP	700mA	2-4W	6VDC	⩾0.4	50°C	85°C	52.5x26.8x21.4	IP66

SELV SAA

Dimming Moudules



Practical Application

10%

50%

100%

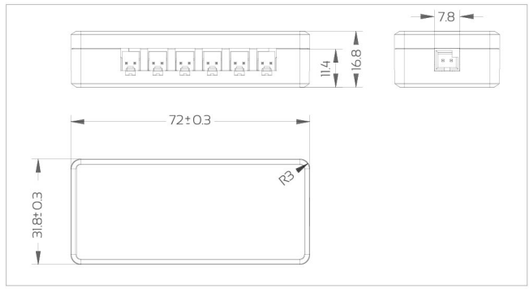
SP75-AA,-AB-BA-BB-CA-CB

DIMMABLE

Reliable Technical Data

- Rated Input Voltage:12-24VDC
- Input Frequency:50/60Hz
- Dimension:L71xW31.8xH16.8mm
- Body: PC

Dimension in mm



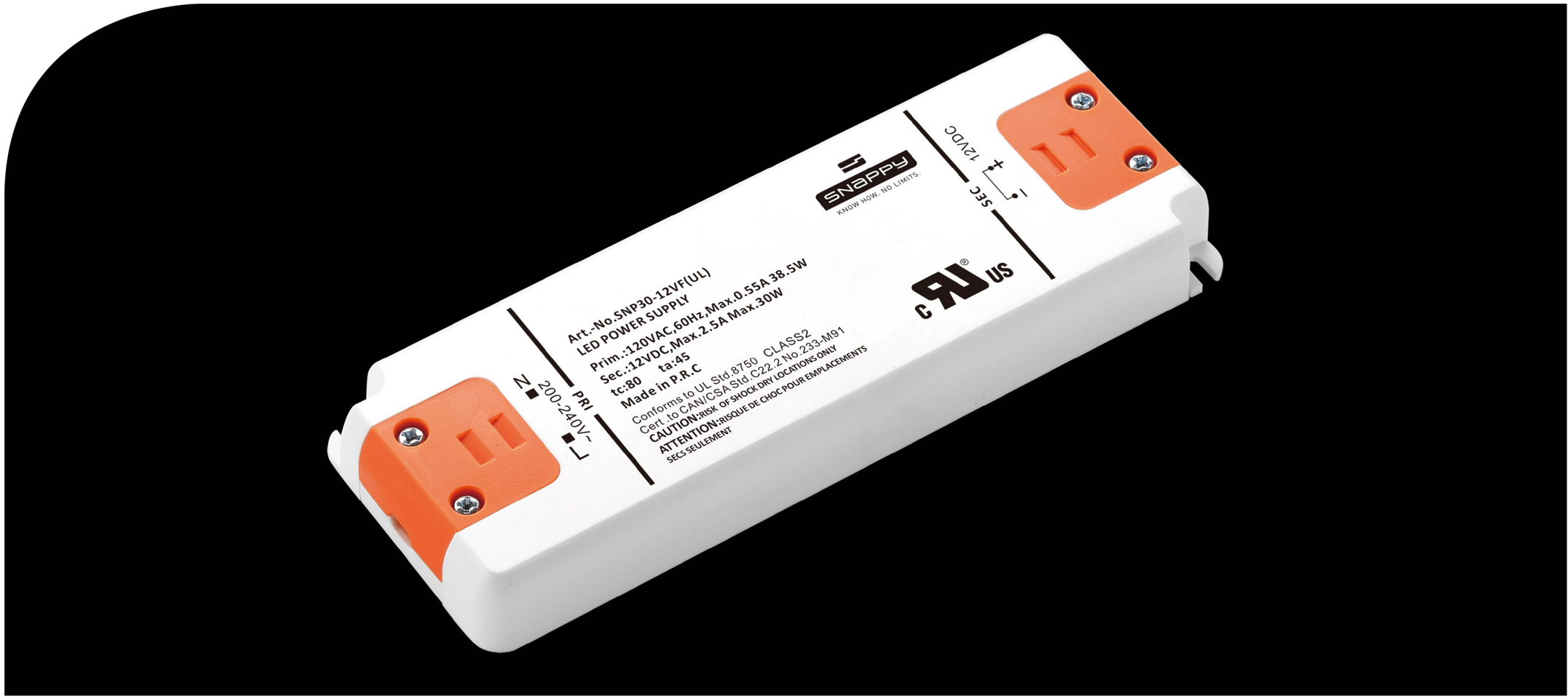
Characteristics

Rated input voltage: AC12-24VDC 50/60Hz (power factor measured at AC230V and full load)

Model No.	Input voltage	Max output current	Ta	Tc	L x W x H
SP75-AA, -AB-BA-V-BB-CA-CB	12V-24V	6.25A Max	30℃	75℃	72x31.8x16.8

SELV

SAA



UL Listed products, Open Circuit; Short Circuit; Over Load, Over Heat Protection.

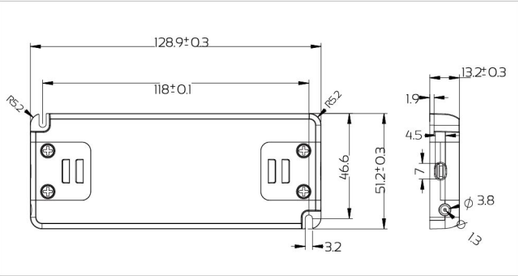
SNP12-VF(UL)/SNP12-IF(UL)

Reliable Technical Data

- Input Voltage Range:108-132VAC
- Input Frequency:60Hz
- Output Power:12W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Conforms to UL Std. 8750
- FCC PART15 ClassB

Dimension in mm



Characteristics

Input Voltage Range: AC108-132V 60Hz (power factor measured at AC120V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP12-12VF(UL)	12V	0-12W	1.0A	⩾0.5	40℃	80℃	128.9x51.2x13.2
SNP12-24VF(UL)	24V	0-12W	0.5A	⩾0.5	40℃	80℃	128.9x51.2x13.2

Model No.	Constant output current	Load	Max output voltage	PF	Ta	Tc	L x W x H
SNP12-350IF(UL)	350mA	0-12W	34VDC	⩾0.5	40℃	80℃	128.9x51.2x13.2
SNP12-700IF(UL)	700mA	0-12W	17VDC	⩾0.5	40℃	80℃	128.9x51.2x13.2

SELV SAA

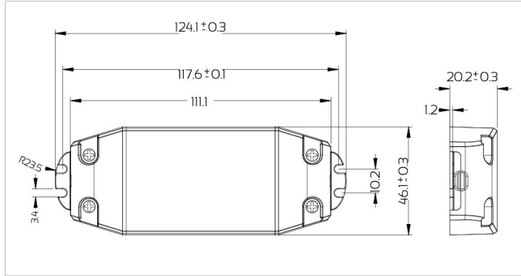
SNP15-VL(UL)/SNP15-IL(UL)

Reliable Technical Data

- Input Voltage Range:108-132VAC
- Input Frequency:60Hz
- Output Power:15W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Conforms to UL Std. 8750
- FCC PART15 ClassB

Dimension in mm



Characteristics

Input Voltage Range: AC108-132V 60Hz (power factor measured at AC120V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP15-12VL(UL)	12V	0-15W	1.25A	⩾0.6	45℃	80℃	124.1x46.1x20.2
SNP15-24VL(UL)	24V	0-15W	0.625A	⩾0.6	45℃	80℃	124.1x46.1x20.2

Model No.	Constant output current	Load	Max output voltage	PF	Ta	Tc	L x W x H
SNP15-350IL(UL)	350mA	10-15W	42VDC	⩾0.6	45℃	80℃	124.1x46.1x20.2
SNP15-500IL(UL)	500mA	10-15W	30VDC	⩾0.5	45℃	80℃	124.1x46.1x20.2
SNP15-500IL(UL)-1	500mA	10-15W	30VDC	⩾0.9	45℃	80℃	124.1x46.1x20.2
SNP15-700IL(UL)	700mA	10-15W	21VDC	⩾0.6	45℃	80℃	124.1x46.1x20.2

SELV SAA

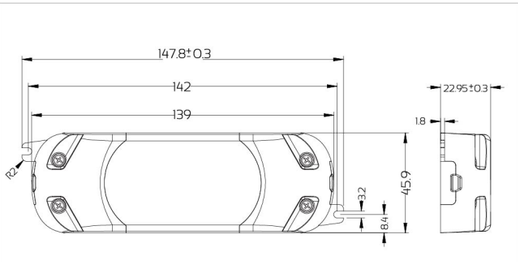
SNP20-VL(UL)/SNP20-IL(UL)

Reliable Technical Data

- Input Voltage Range:90-132VAC
- Input Frequency:60Hz
- Output Power:20W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Conforms to UL Std. 8750
- FCC PART15 ClassB

Dimension in mm



Characteristics

Input Voltage Range: AC90-132V 60Hz (power factor measured at AC120V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP20-12VL(UL)	12V	0-20W	1.67A	⩾0.5	40℃	80℃	147.8x46x23
SNP20-24VL(UL)	24V	0-20W	0.85A	⩾0.5	40℃	80℃	147.8x46x23

Model No.	Constant output current	Load	Max output voltage	PF	Ta	Tc	L x W x H
SNP20-350IL(UL)	350mA	0-12W	57.14VDC	⩾0.5	40℃	80℃	147.8x46x23
SNP20-500IL(UL)	700mA	0-12W	40VDC	⩾0.5	40℃	80℃	147.8x46x23
SNP20-700IL(UL)	700mA	0-12W	28.57VDC	⩾0.5	40℃	80℃	147.8x46x23

SELV

SAA

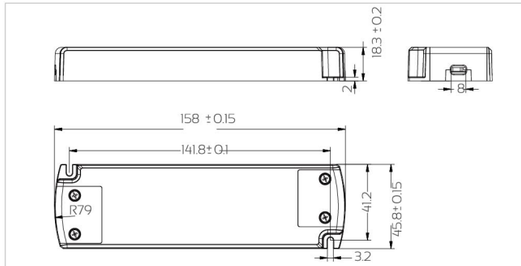
SP25-VFT(UL)

Reliable Technical Data

- Input Voltage Range:108-132VAC
- Input Frequency:60Hz
- Output Power:25W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Conforms to UL Std. 8750
- FCC PART15 ClassB

Dimension in mm



Characteristics

Input Voltage Range: AC108-132V 60Hz (power factor measured at AC120V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SP25-12VFT(UL)	12V	0-25W	2.08A	⩾0.9	45℃	80℃	158x45.8x18.3
SP25-24VFT(UL)	24V	0-25W	1.04A	⩾0.9	45℃	80℃	158x45.8x18.3

SELV

SAA

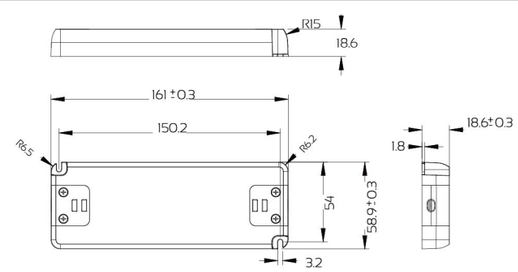
SNP30-VF(UL)

Reliable Technical Data

- Input Voltage Range:108-132VAC
- Input Frequency:60Hz
- Output Power:30W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Conforms to UL Std. 8750
- FCC PART15 ClassB

Dimension in mm



Characteristics

Input Voltage Range: AC108-132V 60Hz (power factor measured at AC120V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP30-12VF(UL)	12V	0-30W	2.5A	⩾0.9	45°C	80°C	161x58.9x18.6
SNP30-24VF(UL)	24V	0-30W	1.25A	⩾0.9	45°C	80°C	161x58.9x18.6

SELV

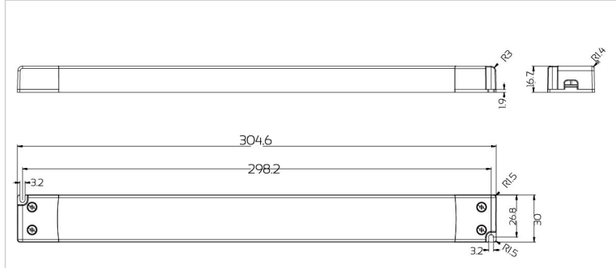
SNP60-VF-1(UL)

Reliable Technical Data

- Input Voltage Range:90-132VAC
- Input Frequency:60Hz
- Output Power:60W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Conforms to UL Std. 8750
- FCC PART15 ClassB

Dimension in mm



Characteristics

Input Voltage Range: AC90-132V 60Hz (power factor measured at AC120V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP60-12VF-1(UL)	12V	0-60W	5A	⩾0.95	45°C	80°C	304.6x30x16.7
SNP60-24VF-1(UL)	24V	0-60W	2.5A	⩾0.95	45°C	80°C	304.6x30x16.7

SELV

UL LED Power Supply Series

SNP100-VF-1(UL)

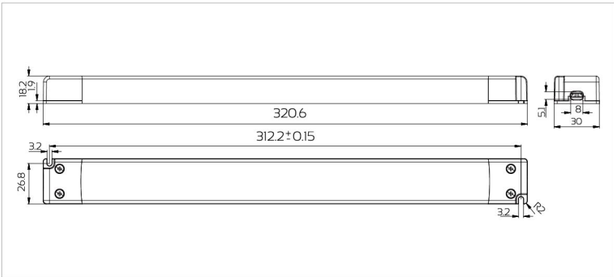
Reliable Technical Data

- Input Voltage Range:90-132VAC
- Input Frequency:60Hz
- Output Power:100W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Conforms to UL Std. 8750
- FCC PART15 ClassB

High Reliability | Indoor | 3 Years | Low Ripple

Dimension in mm



Characteristics

Input Voltage Range: AC90-132V 60Hz (power factor measured at AC120V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP100-12VF-1(UL)	12V	0-100W	8.33A	⩾0.9	45℃	80℃	320.6x30x18.2
SNP100-24VF-1(UL)	24V	0-100W	4.17A	⩾0.9	45℃	80℃	320.6x30x18.2

SELV

SAA

SNAPPY KNOW HOW. NO LIMITS.

Outdoor Super Slim SPA Series

Reliable Technical Data

- Input Voltage Range:90-305 VAC
- IP67 design for indoor or outdoor installation
- Protections:short circuit/over load/over voltage/over temperature
- Built in active PFC function
- Cooling by free air, high reliability
- 100% burn-in with full load
- Suitable for LED lighting and moving sign applications

Page 02-04

Outdoor SPH Series

Reliable Technical Data

- Input Voltage Range:90-305 VAC
- IP65/67 design for indoor or outdoor installation
- Protections:short circuit/over load/over voltage/over temperature
- Built in active PFC function
- Cooling by free air, high reliability
- 100% burn-in with full load
- Suitable for LED lighting and moving sign applications

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Outdoor SLP Series

Reliable Technical Data

- Input Voltage Range:90-264 VAC
- Input Frequency:50/60Hz
- Output Power:60W-150W
- Body:IP67, Aluminum case

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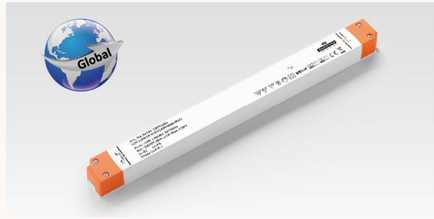
IP20 SL(UE) Linetype Series



Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:45W-150W
- Body: PC

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UE Series 6W-100W

Reliable Technical Data

- Input Voltage Range:90-264VAC
- Input Frequency:50/60Hz
- Output Power:6W-100W
- Body:PC

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2018 New Products

Outdoor Super Slim SPA Series

Reliable Technical Data

- Input Voltage Range:90-305 VAC
- IP67 design for indoor or outdoor installation
- Protections:short circuit/over load/over voltage/over temperature
- Built in active PFC function
- Cooling by free air, high reliability
- 100% burn-in with full load
- Suitable for LED lighting and moving sign applications

Model No.

SPA100-VFP
SPA150-VFP
SPA200-VFP
SPA250-VFP
SPA320-VFP

Page 02-04

Outdoor SLP Series

Reliable Technical Data

- Input Voltage Range:90-264 VAC
- Input Frequency:50/60Hz
- Output Power:60W-150W
- Body:IP67, Aluminum case

Model No.

SLP60-VFP(UE)
SLP100-VFP(UE)
SLP150-VFP(UE)

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New Products

IP20 Wide Input Voltage Linetype Series

Reliable Technical Data

- Input Voltage Range:90-264VAC (UE)
  108-132VAC (UL)
- Input Frequency:50/60Hz
- Output Power:45W-150W
- Body: PC

Model No.

SL45-VF(UE)
SNP60-VF-1(UL)
SL100-VF(UE)
SL150-VF(UE)

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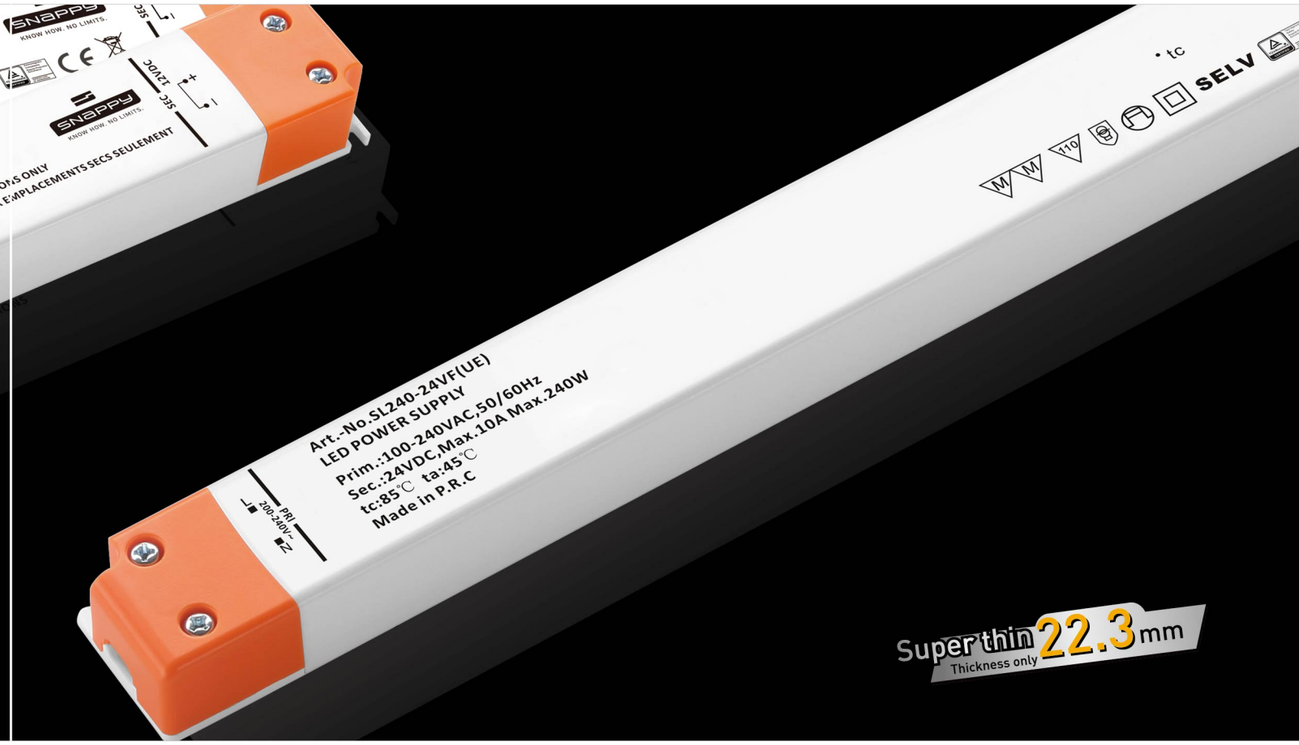
IP20 Regular Linetype Series



Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:240W
- Body: PC

Model No.

SL240-VF

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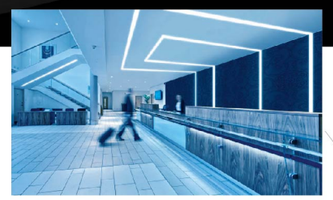
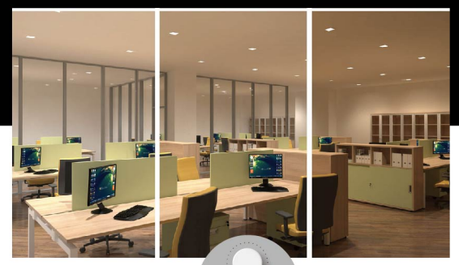
DALI2 Constant Voltage Dimmable Series





VFD: brightness adjustment
VFC: Color temperature adjustment
VFR: RGBW adjustment

Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:60W-150W
- Body: Metal

Model No.

SDL60-VFD
SDL60-VFC
SDL60-VFR
SDL100-VFD
SDL100-VFC
SDL100-VFR
SDL150-VFD
SDL150-VFC
SDL150-VFR

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Triac Constant Voltage Series

Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:100W
- Body: PC

Model No.

SP100-VLT

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