

## LED POWER SUPPLY

To work for comfortable life, To work for environmental lighting!

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## 2016.3 Important

	Federal Communications Commission
	UL mark for Canada and the US
	CE mark of conformity
	The transformer complies with European Regulation, in general situation, could mount on or in furniture and cabinet
	Flammable marks
	International mark for independent converter
	International mark for protection II
<b>SELV</b>	International mark for transformers of converters (safety extra-low voltage)
	The surface temperature of Transformer/ballast will be not more than 110°C on the condition of overload or short circuit
	C-Tick Compliant
	US and Canadian 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 interference characteristics of lights
EN61547	EMC immunity requirements for lighting purposes equipment
EN6 1000-3-2	Limits for harmonic current emissions
EN6 1000-3-3	Limitations 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

## PRODUCTS OVERVIEW

### Waterproof LED Power Supply

● SPH Series ● SNP Series ● SPF Series ● Anti-fog Series

Safety performance is superior, Have the surge, thermal overload short circuit protection etc. Function Suitable for outdoor use Dimmable

01-24



### Dimmable LED Power Supply

Small size, Light weight, easy to install and transportation Open Circuit ; Short Circuit ; Over Load Dimmable

25-36



### Economic Series Power Supply

Constant output current, low ripple. ensure the LED make use of security, stability, improve LED lighting effect, reduce optical decay. Open Circuit ; Short Circuit ; Over Load

37-52



### Super Slim LED Power Supply

Independent power supply for constant voltage LED lamp Open Circuit ; Short Circuit ; Over Load "SNP6" "SNP12"—The slimmest LED drivers in the world! only 10.7mm

53-68



### UL /UE LED Power Supply

UL Series Input Voltage 100-120VAC Open Circuit ; Short Circuit ; Over Load Over Heat Protection

69-81



### 2015 NEW PRODUCTS

● SPV Series ● SPH Series ● SNP Series

82-88







## Waterproof LED Power Supply

● SPH Series    ● SNP Series    ● SPF Series    ● Anti-fog Series

### SPH Series Power Supply

Safety performance is superior, Have the surge, thermal overload short circuit protection etc. Function

Suitable for outdoor use

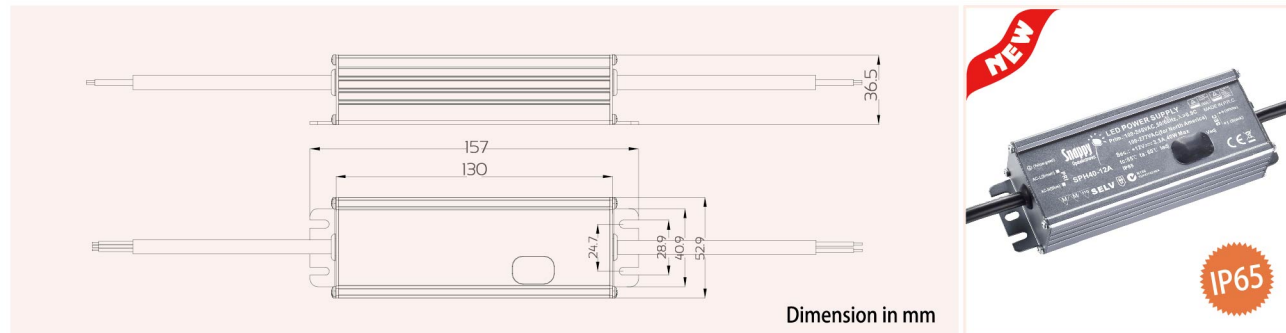
IP67 — Dimmable

		
SPH40-A page 01	SPH40-B page 01	SPH60-A page 02
		
SPH60-B page 02	SPH80-A page 03	SPH80-B page 03
		
SPH100-A page 04	SPH100-B page 04	SPH150-A page 05
		
SPH150-B page 05	SPH185-A page 06	SPH185-B page 06
		
SPH250-A page 07	SPH250-B page 07	SPH320-A/B page 08

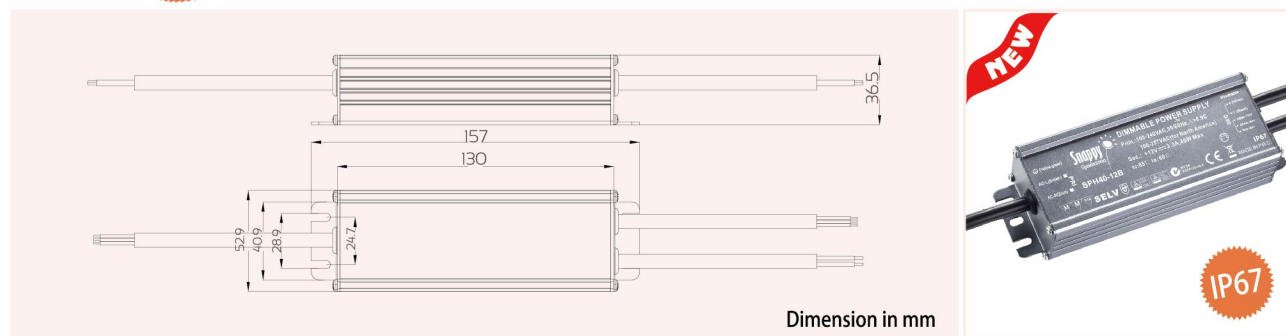


# SPH Series Power Supply

## SPH40-A



## SPH40-B



### Characteristics

Rated input voltage: AC90-305V 50/60Hz (PF>0.9 measured at AC230V and full load) Ta -40~70 °C, Tc 85 °C

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 max	15V max	2-3.3A	86.5%
SPH40-15A/B	15V	13.5~17V DC	2.66A	40W max	20V max	1.6-2.66A	87%
SPH40-24A/B	24V	22~27V DC	1.66A	40W max	30V max	1-1.66A	88%
SPH40-36A/B	36V	33~40V DC	1.1A	40W max	44V max	0.66-1.1A	88.5%
SPH40-48A/B	48V	43~53V DC	0.83A	40W max	55V max	0.5-0.83A	89%

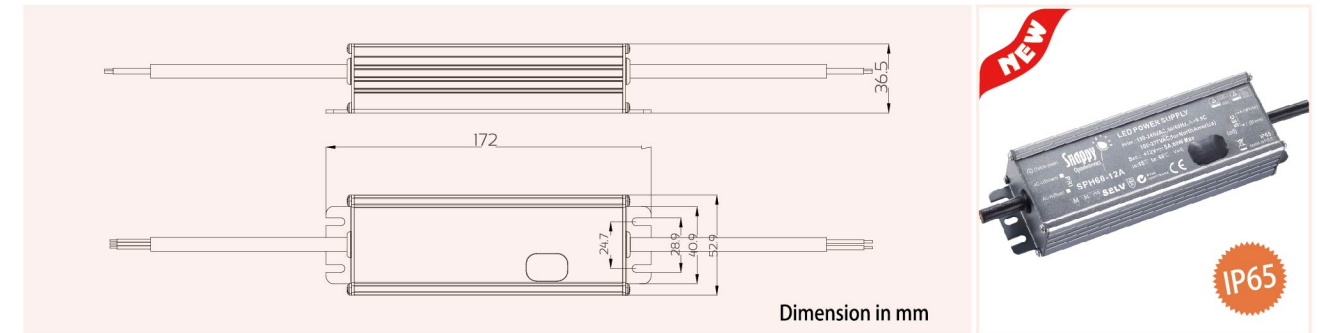
### Reliable Technical Data

- Universal AC input/full range(up to 305VAC)
- 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% aging with full load
- Suitable for led lighting and moving sign applications
- Three in one dimming function(0-10Vdc, PWM signal or resistance)
- A series: Output current and voltage is adjustable
- B series: Three in one dimming function (1-10Vdc, PWM signal or resistance)
- D series: Timer dimming function
- Compliance to worldwide safety regulation for led lightings
- 5 years warranty
- 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°C/70%RH
- EMC emission to EN55015,FCC Part 15 Class B
- EMC immunity to EN61000-4-2, 3, 4, 5, 6, 8, 11; EN55024; EN61547
- Harmonic current to EN61000-3-2 CLASS C (100% load)

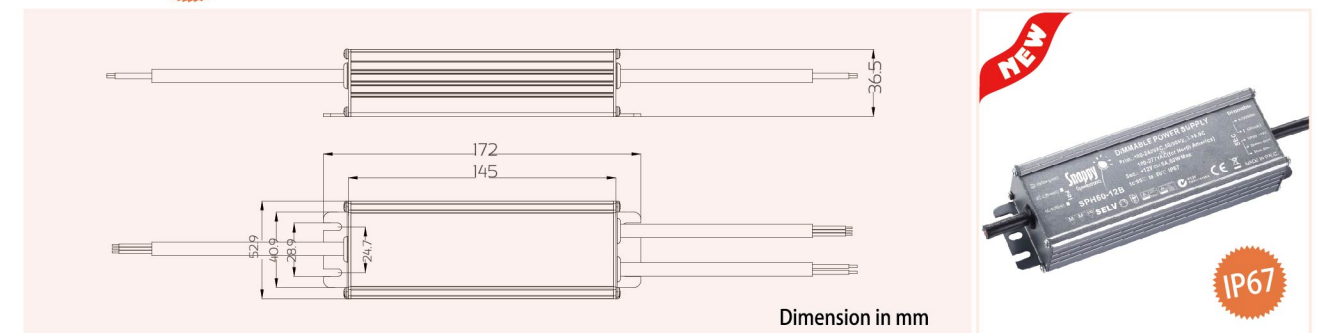


# SPH Series Power Supply

## SPH60-A



## SPH60-B



### Characteristics

Rated input voltage: AC90-305V 50/60Hz (PF>0.9 measured at AC230V and full load) Ta -40~70 °C, Tc 85 °C

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 max	15V max	2.5-5A	88%
SPH60-15A/B	15V	10~17V DC	4A	60W max	19V max	2-4A	88%
SPH60-24A/B	24V	15~27V DC	2.5A	60W max	29V max	1.25-2.5A	88%
SPH60-36A/B	36V	32~41V DC	1.67A	60W max	43V max	0.85-1.67A	89%
SPH60-48A/B	48V	42~54V DC	1.25A	60W max	56V max	0.6-1.25A	89%

### Reliable Technical Data

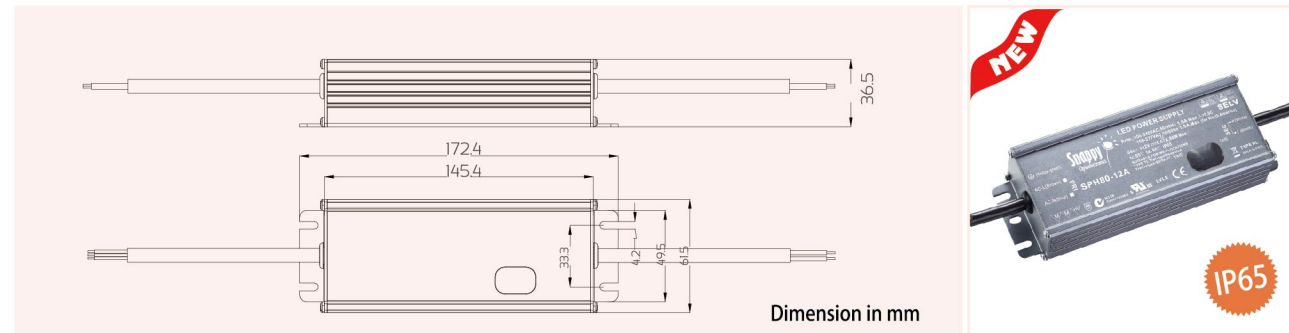
- Universal AC input/full range(up to 305VAC)
- IP65/67 design for indoor or outdoor installation
- Protections:short circuit/over load/over voltage/over temperature
- Built in active PFC function
- Cooling by free air, high reliability
- 100% aging with full load
- Suitable for led lighting and moving sign applications
- Three in one dimming function(0-10Vdc, PWM signal or resistance)
- A series: Output current and voltage is adjustable
- B series: Three in one dimming function (1-10Vdc, PWM signal or resistance)
- D series: Timer dimming function
- Compliance to worldwide safety regulation for led lightings
- 5 years warranty
- 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°C/70%RH
- EMC emission to EN55015,FCC Part 15 Class B
- EMC immunity to EN61000-4-2, 3, 4, 5, 6, 8, 11; EN55024; EN61547
- Harmonic current to EN61000-3-2 CLASS C (100% load)





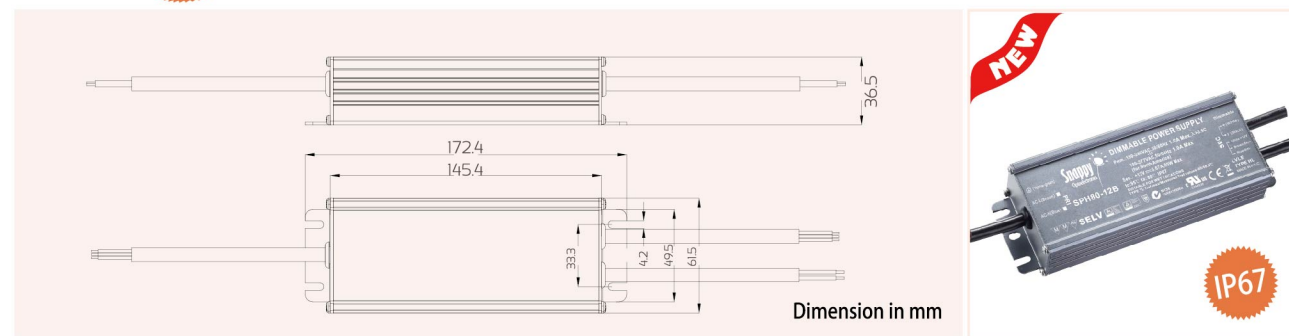
# SPH Series Power Supply

## SPH80-A



## SPH80-B

DIMMABLE



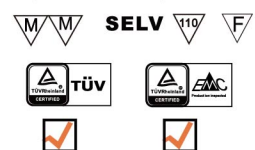
### Characteristics

Rated input voltage: AC90-305V 50/60Hz (PF>0.9 measured at AC230V and full load) Ta -40~70 °C, Tc 95 °C

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 max	15V max	3.5-6.7A	88%
SPH80-15A/B	15V	10~17V DC	5.33A	80W max	19V max	2.5-5.33A	88%
SPH80-24A/B	24V	15~27V DC	3.33A	80W max	29V max	1.6-3.33A	89%
SPH80-36A/B	36V	32~41V DC	2.22A	80W max	43V max	1.1-2.22A	90%
SPH80-48A/B	48V	42~54V DC	1.67A	80W max	56V max	0.8-1.67A	90%

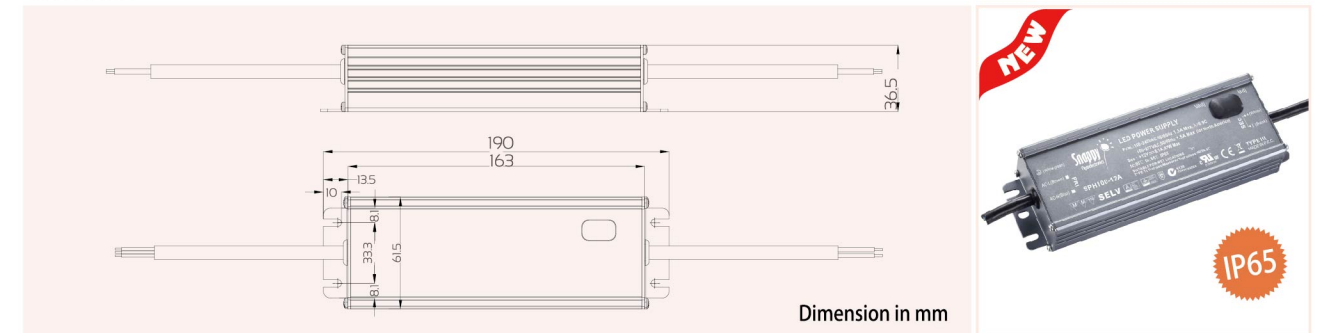
### Reliable Technical Data

- Universal AC input/full range(up to 305VAC)
- 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% aging with full load
- Suitable for led lighting and moving sign applications
- Three in one dimming function(0-10Vdc, PWM signal or resistance)
- A series: Output current and voltage is adjustable
- B series: Three in one dimming function (1-10Vdc, PWM signal or resistance)
- D series: Timer dimming function
- Compliance to worldwide safety regulation for led lightings
- 5 years warranty
- 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°C/70%RH
- EMC emission to EN55015,FCC Part 15 Class B
- EMC immunity to EN61000-4-2, 3, 4, 5, 6, 8, 11; EN55024; EN61547
- Harmonic current to EN61000-3-2 CLASS C (100% load)



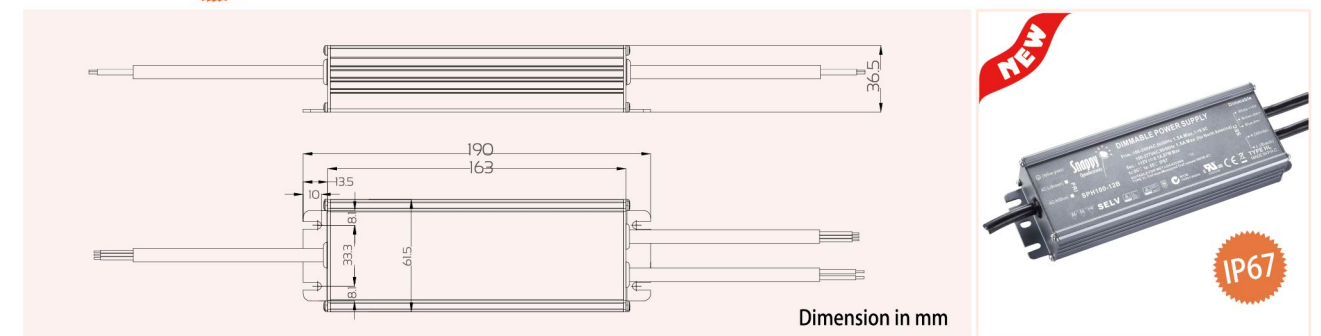
# SPH Series Power Supply

## SPH100-A



## SPH100-B

DIMMABLE



### Characteristics

Rated input voltage: AC90-305V 50/60Hz (PF>0.9 measured at AC230V and full load) Ta -40~70 °C, Tc 95 °C

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 max	15V max	5-8.1A	91%
SPH100-15A/B	15V	13.5~17V DC	9V	6.6A	99W max	20V max	4.1-6.6A	91%
SPH100-24A/B	24V	22~27V DC	14.4V	4.1A	99W max	30V max	2.5-4.1A	93%
SPH100-36A/B	36V	33~40V DC	21.6V	2.75A	99W max	44V max	1.6-2.7A	92.5%
SPH100-48A/B	48V	43~53V DC	28.8V	2.05A	99W max	56V max	1.2-2.0A	92.5%

### Reliable Technical Data

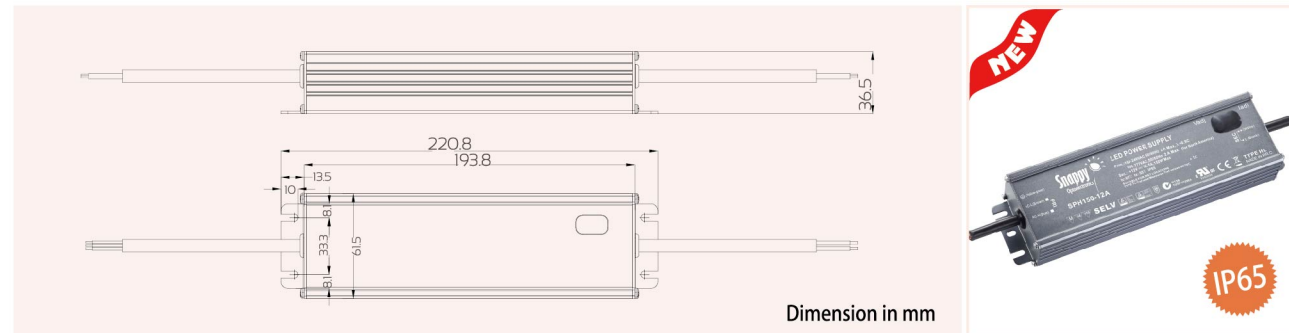
- Universal AC input/full range(up to 305VAC)
- IP65/67 design for indoor or outdoor installation
- Protections:short circuit/over load/over voltage/over temperature
- Built in active PFC function
- Cooling by free air, high reliability
- 100% aging with full load
- Suitable for led lighting and moving sign applications
- Three in one dimming function(0-10Vdc, PWM signal or resistance)
- A series: Output current and voltage is adjustable
- B series: Three in one dimming function (1-10Vdc, PWM signal or resistance)
- D series: Timer dimming function
- Compliance to worldwide safety regulation for led lightings
- 5 years warranty
- 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°C/70%RH
- EMC emission to EN55015,FCC Part 15 Class B
- EMC immunity to EN61000-4-2, 3, 4, 5, 6, 8, 11; EN55024; EN61547
- Harmonic current to EN61000-3-2 CLASS C (100% load)





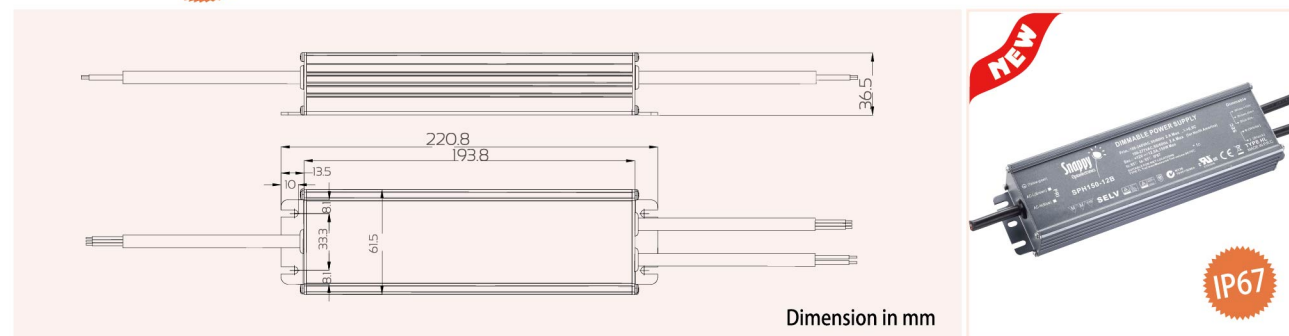
# SPH Series Power Supply

SPH150-12A



SPH150-B

DIMMABLE



## Characteristics

Rated input voltage: AC90-305V 50/60Hz (PF>0.9 measured at AC230V and full load) Ta -40~70 °C, Tc 95 °C

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 max	15V max	7.5-12.5A	91%
SPH150-15A/B	15V	13.5~17V DC	9V	10A	150W max	20V max	6-10A	92%
SPH150-24A/B	24V	22~27V DC	14.4V	6.3A	150W max	30V max	3.8-6.3A	93%
SPH150-36A/B	36V	33~40V DC	21.6V	4.2A	150W max	44V max	2.5-4.2A	93%
SPH150-48A/B	48V	43~53V DC	28.8V	3.2A	150W max	53V max	1.9-3.2A	93%

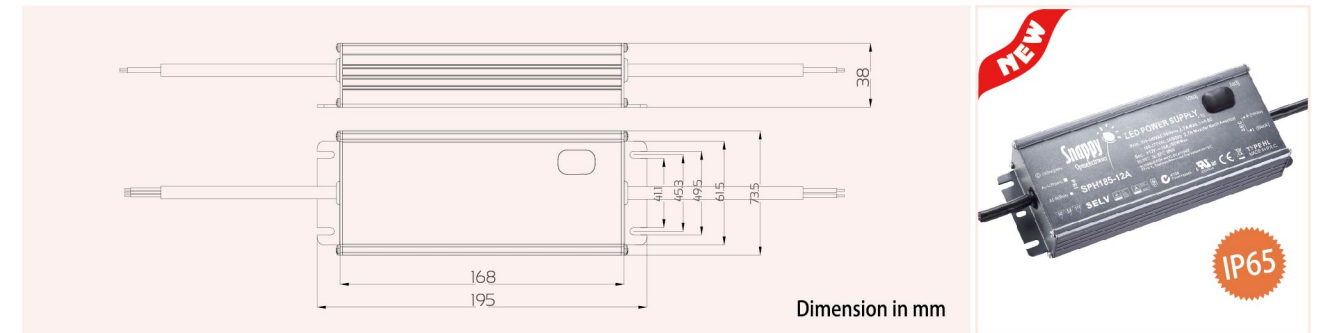
## Reliable Technical Data

- Universal AC input/full range(up to 305VAC)
- 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% aging with full load
- Suitable for led lighting and moving sign applications
- Three in one dimming function(0-10Vdc, PWM signal or resistance)
- A series: Output current and voltage is adjustable
- B series: Three in one dimming function (1-10Vdc, PWM signal or resistance)
- D series: Timer dimming function
- Compliance to worldwide safety regulation for led lightings
- 5 years warranty
- 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°C/70%RH
- EMC emission to EN55015,FCC Part 15 Class B
- EMC immunity to EN61000-4-2, 3, 4, 5, 6, 8, 11; EN55024; EN61547
- Harmonic current to EN61000-3-2 CLASS C (100% load)



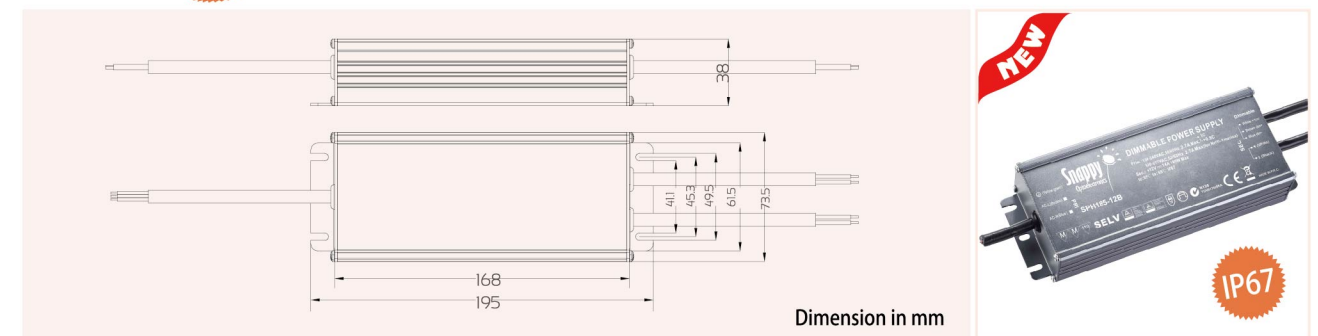
# SPH Series Power Supply

SPH185-A



SPH185-B

DIMMABLE



## Characteristics

Rated input voltage: AC90-305V 50/60Hz (PF>0.9 measured at AC230V and full load) Ta -40~70 °C, Tc 95 °C

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 max	15V	8.4-14A	92%
SPH185-15A/B	15V	13.5~17V DC	9V	12A	180W max	20V	7.2-12A	92.5%
SPH185-24A/B	24V	22~27V DC	14.4V	7.7A	185W max	30V	4.6-7.7A	93.5%
SPH185-36A/B	36V	33~40V DC	21.6V	5.1A	185W max	44V	3-5.1A	94%
SPH185-48A/B	48V	43~53V DC	28.8V	3.85A	185W max	56V	2.3-3.85A	94%

## Reliable Technical Data

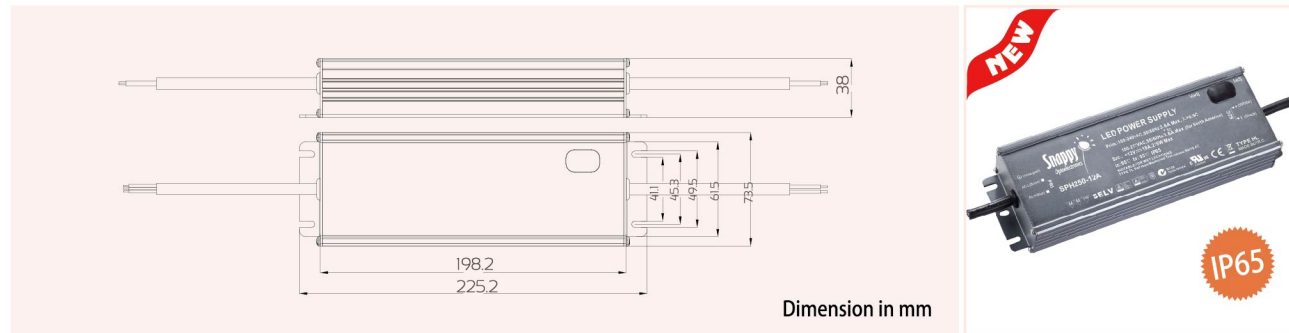
- Universal AC input/full range(up to 305VAC)
- IP65/67 design for indoor or outdoor installation
- Protections:short circuit/over load/over voltage/over temperature
- Built in active PFC function
- Cooling by free air, high reliability
- 100% aging with full load
- Suitable for led lighting and moving sign applications
- Three in one dimming function(0-10Vdc, PWM signal or resistance)
- A series: Output current and voltage is adjustable
- B series: Three in one dimming function (1-10Vdc, PWM signal or resistance)
- D series: Timer dimming function
- Compliance to worldwide safety regulation for led lightings
- 5 years warranty
- 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°C/70%RH
- EMC emission to EN55015,FCC Part 15 Class B
- EMC immunity to EN61000-4-2, 3, 4, 5, 6, 8, 11; EN55024; EN61547
- Harmonic current to EN61000-3-2 CLASS C (100% load)





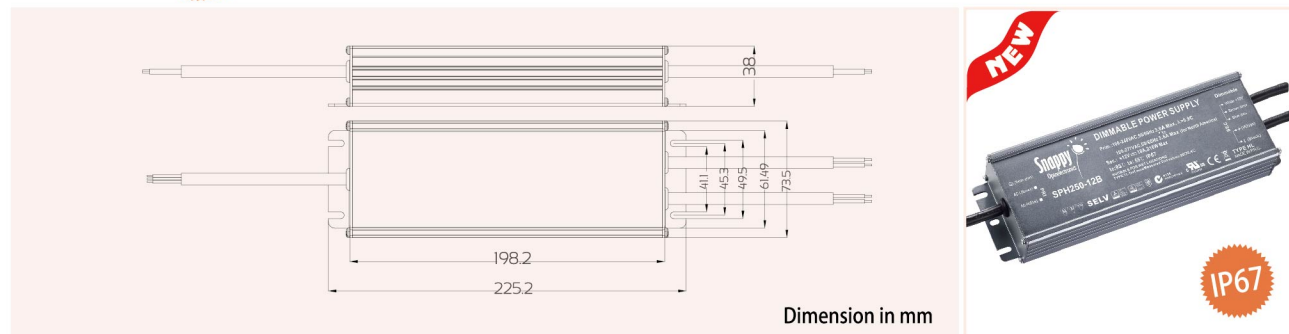
# SPH Series Power Supply

SPH250-A



SPH250-B

DIMMABLE



## Characteristics

Rated input voltage: AC90-305V 50/60Hz (PF>0.9 measured at AC230V and full load) Ta -40~70°C, Tc 95°C

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 max	15V	10.8-18A	92%
SPH250-15A/B	15V	13.5~17V DC	9V	15.4A	230W max	20V	9.2-15.4A	93%
SPH250-24A/B	24V	22~27V DC	14.4V	10.4A	250W max	30V	6-10.4A	93.5%
SPH250-36A/B	36V	33~40V DC	21.6V	7A	250W max	44V	4.2-7A	94%
SPH250-48A/B	48V	43~53V DC	28.8V	5.2A	250W max	53V	3.1-5.2A	94.5%
SPH250-54A/B	54V	49~58V DC	32.4V	4.63A	250W max	64V	2.8-4.63A	94.5%

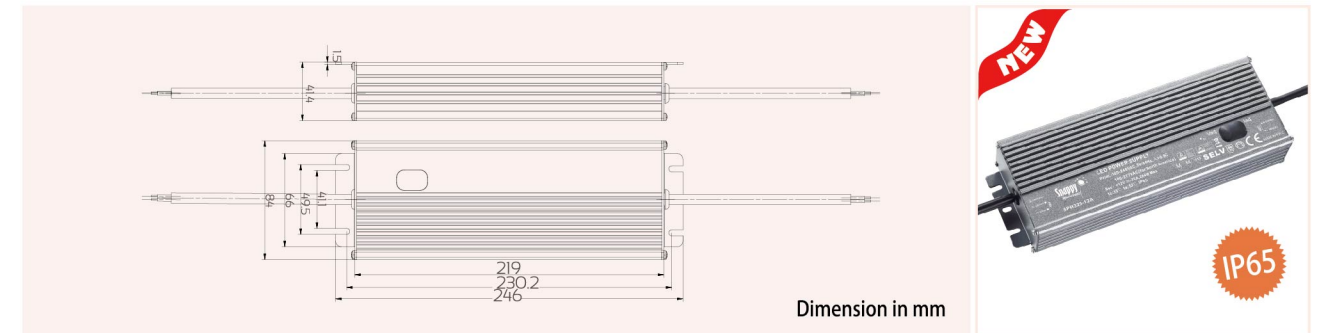
## Reliable Technical Data

- Universal AC input/full range(up to 305VAC)
- 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% aging with full load
- Suitable for led lighting and moving sign applications
- Three in one dimming function(0-10Vdc, PWM signal or resistance)
- A series: Output current and voltage is adjustable
- B series: Three in one dimming function (1-10Vdc, PWM signal or resistance)
- D series: Timer dimming function
- Compliance to worldwide safety regulation for led lightings
- 5 years warranty
- 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°C/70%RH
- EMC emission to EN55015,FCC Part 15 Class B
- EMC immunity to EN61000-4-2, 3, 4, 5, 6, 8, 11; EN55024; EN61547
- Harmonic current to EN61000-3-2 CLASS C (100% load)



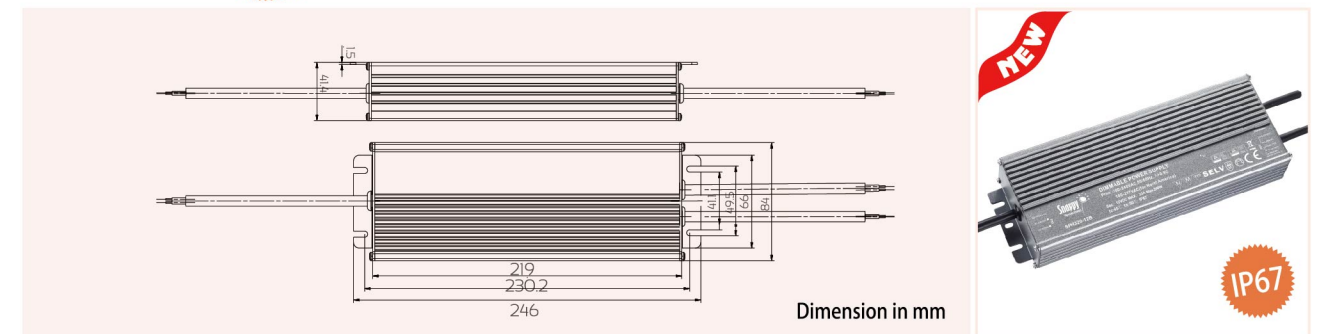
# SPH Series Power Supply

SPH320-A



SPH320-B

DIMMABLE



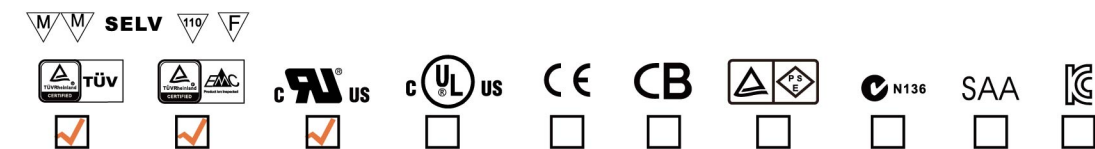
## Characteristics

Rated input voltage: AC90-305V 50Hz (PF>0.95 measured at AC230V and full load) Ta -40~70°C, Tc 95°C

Model No.	DC voltage	Voltage ADJ.range	Rated current	Max output power	Current ADJ.range	Efficiency
SPH320-12A/B	12V	10.8-13.5V DC	22A	264W max	11-22A	91.5%
SPH320-15A/B	15V	13.5-17V DC	19A	285W max	9.5-19A	93%
SPH320-24A/B	24V	21-26V DC	13.34A	320W max	6.67-13.34A	95%
SPH320-36A/B	36V	32-39V DC	8.9A	320W max	4.45-8.9A	95.5%
SPH320-48A/B	48V	43-52V DC	6.7A	321W max	3.35-6.7A	95.5%
SPH320-54A/B	54V	49-58V DC	5.95A	321W max	2.97-5.95A	95.5%

## Reliable Technical Data

- Universal AC input/full range(up to 305VAC)
- 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
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- Three in one dimming function(0-10Vdc, PWM signal or resistance)
- A series: Output current and voltage is adjustable
- B series: Three in one dimming function (1-10Vdc, PWM signal or resistance)
- D series: Timer dimming function
- Compliance to worldwide safety regulation for led lightings
- 5 years warranty
- 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°C/70%RH
- EMC emission to EN55015,FCC Part 15 Class B
- EMC immunity to EN61000-4-2, 3, 4, 5, 6, 8, 11; EN55024; EN61547
- Harmonic current to EN61000-3-2 CLASS C (100% load)





# Waterproof LED Power Supply

- SPH Series
- SNP Series
- SPF Series
- Anti-fog Series

## SNP Series Power Supply

For Constant Voltage LED lamps or luminaires it is necessary to wire the circuit in parallel in order for the voltage to remain constant

Open Circuit ; Short Circuit ; Over Load

Metal body by waterproof grade IP67



SNP100-VLP ( UL )  
page 10



SNP100-VLP -1  
SNP100-ILP -1  
page 11



SNP150-VLP  
page 12



SNP200-VLP  
page 13



SPF40-A/B  
page 14



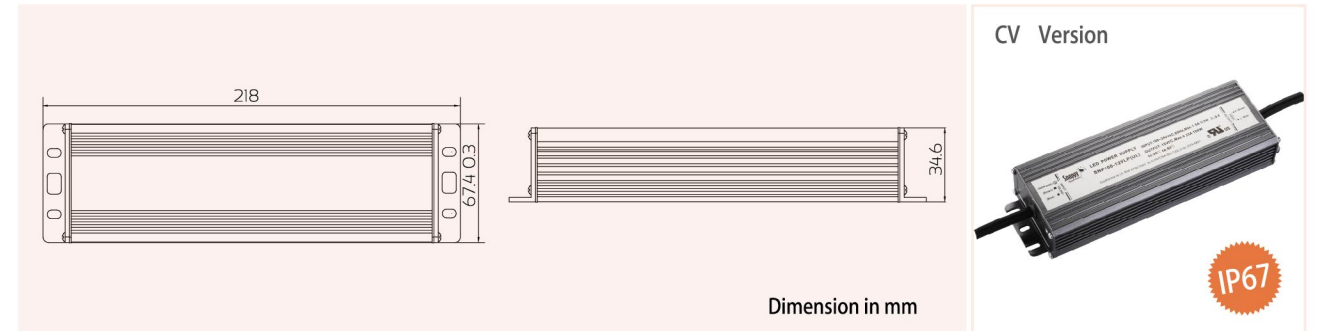
SPF60-A/B  
page 15



SPF90-A/B  
page 16

# Waterproof LED Power Supply

## SNP100-VLP(UL)



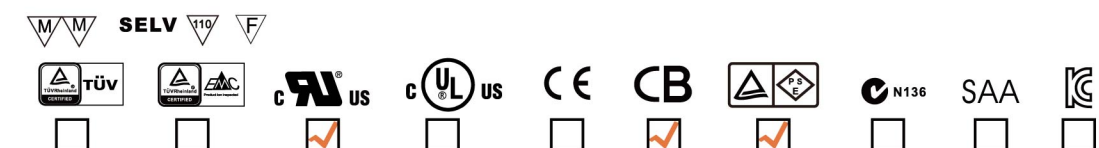
## Characteristics

Rated input voltage: AC100-240V 50/60Hz (power factor measured at AC120V and full load)

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L×W×H
SNP100-12VLP(UL)	12V	0-100W	8.33A	≥ 0.9	65℃	80℃	218X67.5X34.6
SNP100-24VLP(UL)	24V	0-100W	4.16A	≥ 0.9	65℃	80℃	218X67.5X34.6

## Reliable Technical Data

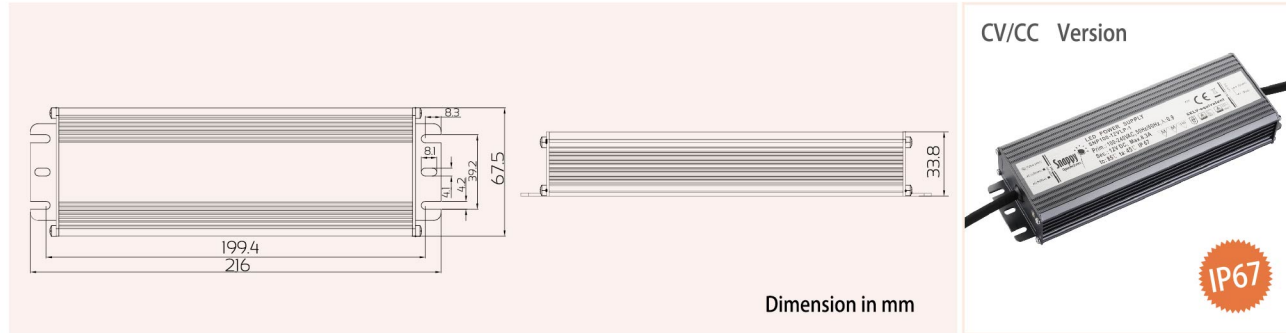
- Rated Input Voltage:100-240VAC
- Input Frequency:50/60Hz
- Output Power:100W
- Dimension:L218xW67.5xH34.6mm
- Body: Metal Body By Waterproof Grade IP67
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection
- Safety According to EN61347-1, EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493-2010
- ERP According to EN1194-2012
- Conforms to UL Std. 8750
- Cert. to CAN/CSA Std. C22.2 No.233-M91





# Waterproof LED Power Supply

## SNP100-VLP-1/SNP100-ILP



### Characteristics

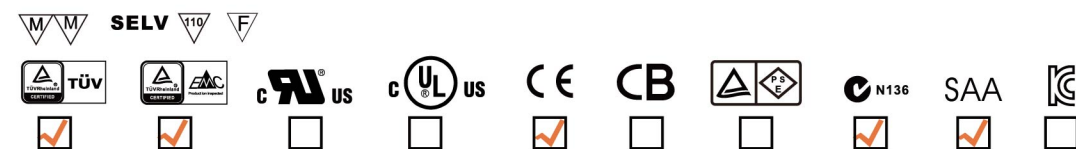
Rated input voltage: AC100-240V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L×W×H
SNP100-12VLP-1	12V	0-100W	8.33A	≥0.9	45℃	85℃	216X67.5X33.6
SNP100-24VLP-1	24V	0-100W	4.2A	≥0.9	45℃	85℃	216X67.5X33.6
SNP100-36VLP-1	36V	0-100W	2.78A	≥0.9	45℃	85℃	216X67.5X33.6
SNP100-48VLP-1	48V	0-100W	2.08A	≥0.9	45℃	85℃	216X67.5X33.6

Model No.	Constant output current	Load	Max output voltage	PF	Ta	Tc	L×W×H
SNP100-700ILP	700mA	50-100W	143VDC	≥0.9	50℃	80℃	216X67.5X33.6
SNP100-1050ILP	1050mA	50-100W	96VDC	≥0.9	50℃	80℃	216X67.5X33.6
SNP100-1400ILP	1400mA	50-100W	72VDC	≥0.9	50℃	80℃	216X67.5X33.6
SNP100-2100ILP	2100mA	50-100W	48VDC	≥0.9	50℃	80℃	216X67.5X33.6
SNP100-3600ILP	3600mA	50-100W	28VDC	≥0.9	50℃	80℃	216X67.5X33.6
SNP100-4200ILP	4200mA	50-100W	24VDC	≥0.9	50℃	80℃	216X67.5X33.6

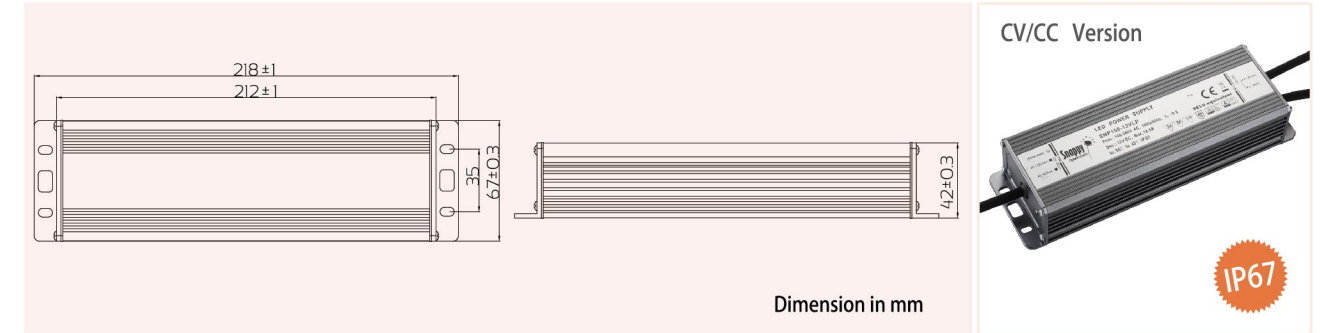
### Reliable Technical Data

- Rated Input Voltage:100-240VAC
- Input Frequency:50/60Hz
- Output Power:100W
- Dimension:L216xW67.5xH33.6mm
- Body: Metal Body By Waterproof Grade IP67
- 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 EN62493-2010
- ERP According to EN1194-2012
- Conforms to UL Std. 8750
- Cert. to CAN/CSA Std. C22.2 No.233-M91



# Waterproof LED Power Supply

## SNP150-VLP/SNP150-ILP



### Characteristics

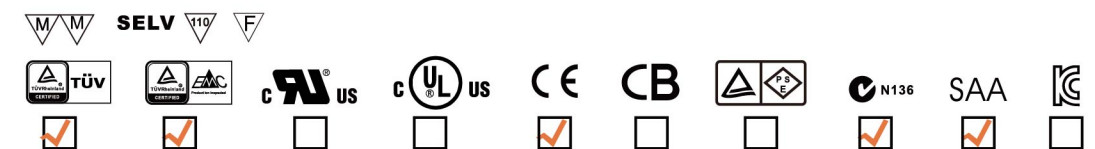
Rated input voltage: AC100-240V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L×W×H
SNP150-12VLP	12V	1-150W	12.5A	≥0.95	45℃	85℃	218X67X42
SNP150-24VLP	24V	1-150W	6.25A	≥0.95	45℃	85℃	218X67X42
SNP150-36VLP	36V	1-150W	4.17A	≥0.95	45℃	85℃	218X67X42
SNP150-48VLP	48V	1-150W	3.12A	≥0.95	45℃	85℃	218X67X42

Model No.	Constant output current	Load	Max output voltage	PF	Ta	Tc	L×W×H
SNP150-700ILP	700mA	74.9-150W	214VDC	≥0.95	45℃	80℃	218X67X42
SNP150-1050ILP	1050mA	75-150W	143VDC	≥0.95	45℃	80℃	218X67X42
SNP150-1400ILP	1400mA	74.9-150W	107VDC	≥0.95	45℃	80℃	218X67X42
SNP150-2100ILP	2100mA	75.6-150W	72VDC	≥0.95	45℃	80℃	218X67X42
SNP150-3600ILP	3600mA	75.6-150W	42VDC	≥0.95	45℃	80℃	218X67X42
SNP150-4200ILP	4200mA	75.6-150W	36VDC	≥0.95	45℃	80℃	218X67X42

### Reliable Technical Data

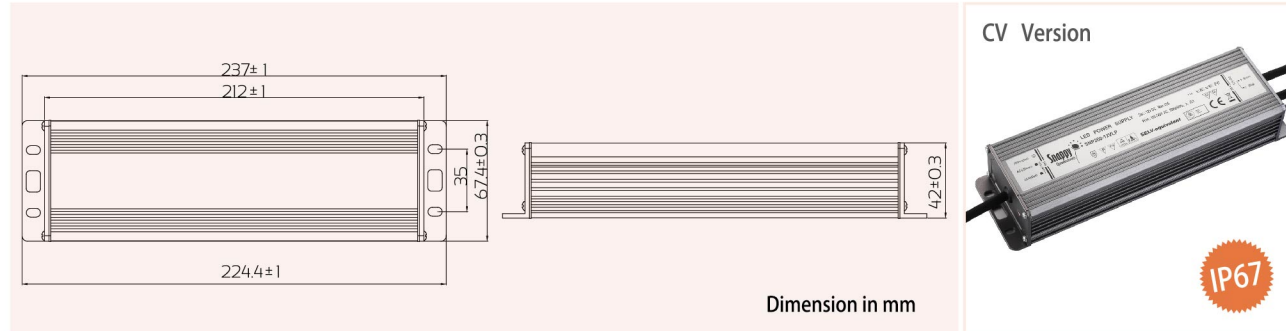
- Rated Input Voltage:100-240VAC
- Input Frequency:50/60Hz
- Output Power:150W
- Dimension:L218xW67xH42mm
- Body: Metal Body By Waterproof Grade IP67
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection
- Safety According to EN61347-1, EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493-2010
- ERP According to EN1194-2012
- Conforms to UL Std. 8750
- Cert. to CAN/CSA Std. C22.2 No.233-M91





## Waterproof LED Power Supply

### SNP200-VLP



#### Characteristics

Rated input voltage: AC100-240V 50/60Hz (power factor measured at AC230V and full load)

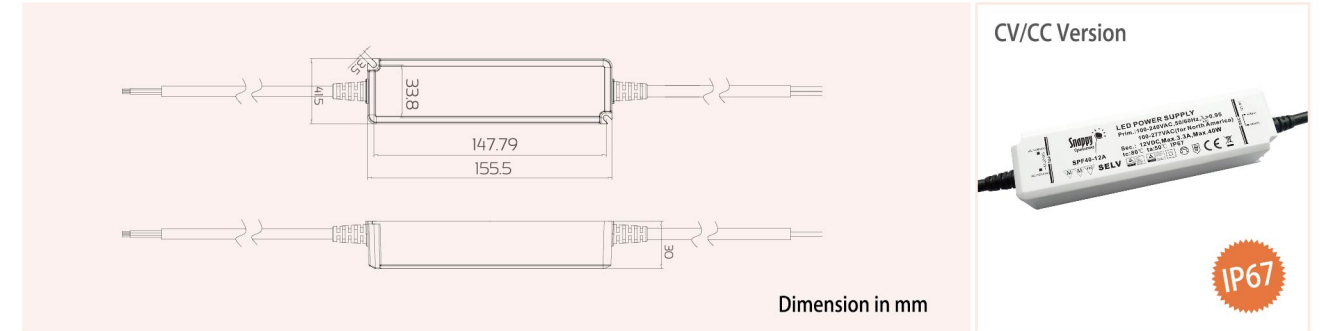
Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L×W×H
SNP200-12VLP	12V	0-180W	15A	≥0.95	45℃	85℃	237X67.4X42
SNP200-24VLP	24V	0-200W	8.3A	≥0.95	45℃	85℃	237X67.4X42
SNP200-36VLP	36V	0-200W	5.56A	≥0.95	45℃	85℃	237X67.4X42
SNP200-48VLP	48V	0-200W	4.17A	≥0.95	45℃	85℃	237X67.4X42

#### Reliable Technical Data

- Rated Input Voltage:100-240VAC
- Input Frequency:50/60Hz
- Output Power:200W
- Dimension:L237xW67.4xH42mm
- Body: Metal Body By Waterproof Grade IP67
- 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 EN62493-2010
- ERP According to EN1194-2012
- Conforms to UL Std. 8750
- Cert. to CAN/CSA Std. C22.2 No.233-M91

## Waterproof LED Power Supply

### SPF40-A/B



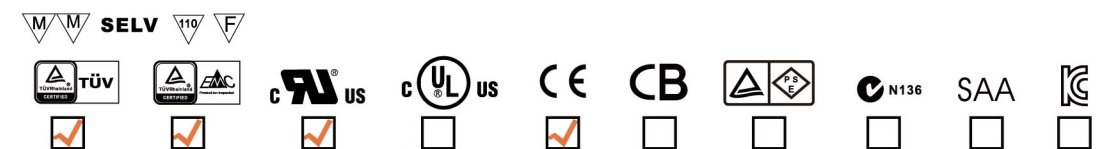
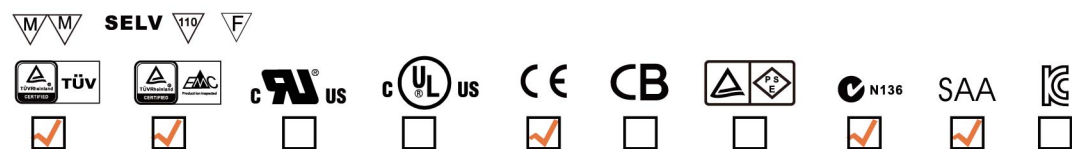
#### Characteristics

Rated input voltage: AC90-305V 50Hz (PF>0.95 measured at AC230V and full load) Ta -40~70℃, Tc 95℃

Model No.	DC voltage	Output voltage range	Rated current	Max output power	Efficiency
SPF40-12A/B	12V	6-12V DC	3.33A	40W max	83%
SPF40-15A/B	15V	7.5~15V DC	2.67A	40W max	85%
SPF40-24A/B	24V	12~24V DC	1.67A	40W max	86%
SPF40-36A/B	36V	18~36V DC	1.11A	40W max	87%
SPF40-48A/B	48V	24~48V DC	0.83A	40W max	87%

#### Reliable Technical Data

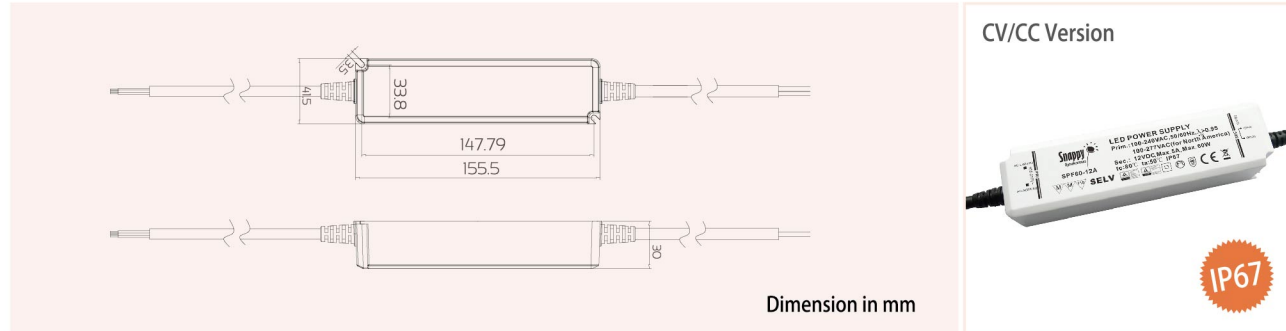
- Universal AC input/full range(up to 305VAC)
- Protections: short circuit/over load/over voltage/over temperature
- Built in active PFC function
- Cooling by free air, high reliability
- CLASS II WITHOUT FG
- CLASS 2
- Suitable for led lighting and moving sign applications
- Three in one dimming function(1-10Vdc, PWM signal or resistance)
- Compliance to worldwide safety regulation for led lightings
- 5 years warranty
- Safety standards to EN61347-1, EN61347-2-13
- Withstand voltage to I/P: -O/P: 3.75KV DC 1 minute
- Withstand voltage to I/P: -O/P, I/P-FG: 100M Ohm /500VDC/25℃/70%RH
- Withstand voltage to EN55015, Fcc par15 Class C
- Withstand voltage to EN61000-4-2, 3, 4, 5, 6, 8, 11; EN61547
- Harmonic current to EN61000-3-2 CLASS C (100% load)





## Waterproof LED Power Supply

### SPF60-A/B



#### Characteristics

Rated input voltage: AC90-305V 50Hz (PF>0.95 measured at AC230V and full load) Ta -40~70°C, Tc 95°C

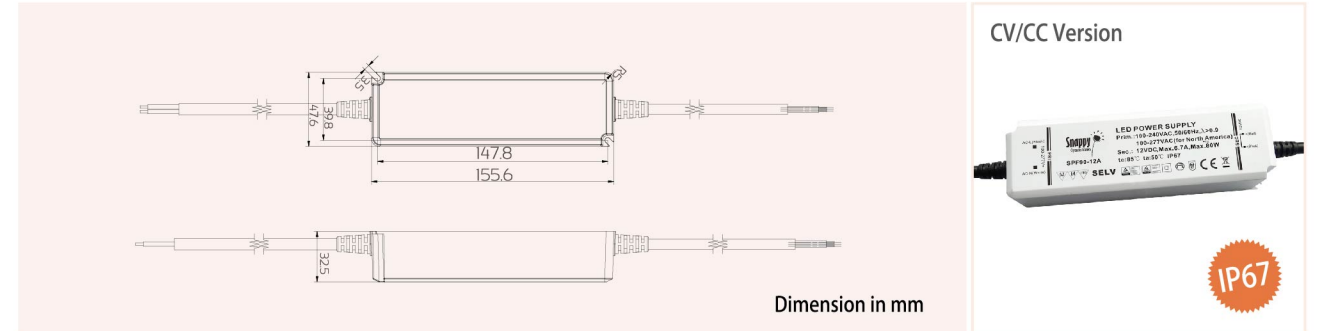
Model No.	DC voltage	Output voltage range	Rated current	Max output power	Efficiency
SPF60-12A/B	12V	6~12V DC	5A	60W max	86%
SPF60-15A/B	15V	7.5~15V DC	4A	60W max	87%
SPF60-24A/B	24V	12~24V DC	2.5A	60W max	88%
SPF60-36A/B	36V	18~36V DC	1.67A	60W max	88%
SPF60-48A/B	48V	24~48V DC	1.25A	60W max	89%

#### Reliable Technical Data

- Universal AC input/full range(up to 305VAC)
- Protections:short circuit/over load/over voltage/over temperature
- Built in active PFC function
- Cooling by free air, high reliability
- CLASS II WITHOUT FG
- CLASS 2
- Suitable for led lighting and moving sign applications
- Three in one dimming function(1-10Vdc, PWM signal or resistance)
- Compliance to worldwide safety regulation for led lightings
- 5 years warranty
- Safety standards to EN61347-1, EN61347-2-13
- Withstand voltage to I/P: -O/P: 3.75KV DC 1 minute
- Withstand voltage to I/P: -O/P, I/P-FG: 50M Ohm /500VDC/25°C/70%RH
- Withstand voltage to EN55015,Fcc par15 ClssC
- Withstand voltage to EN61000-4-2, 3, 4, 5, 6, 8, 11; EN55024; EN61547
- Harmonic current toEN61000-3-2 CLASS C (100% load)

## Waterproof LED Power Supply

### SPF90-A/B



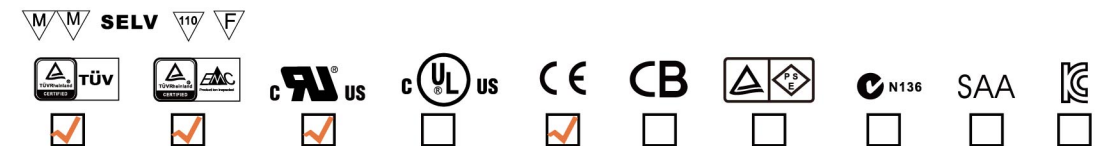
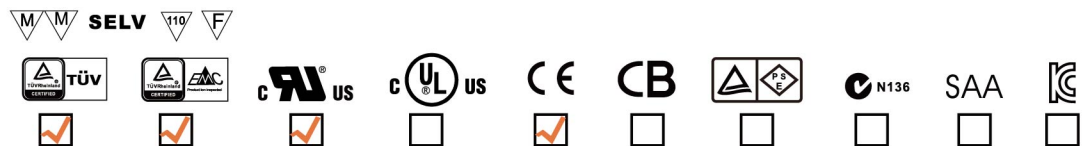
#### Characteristics

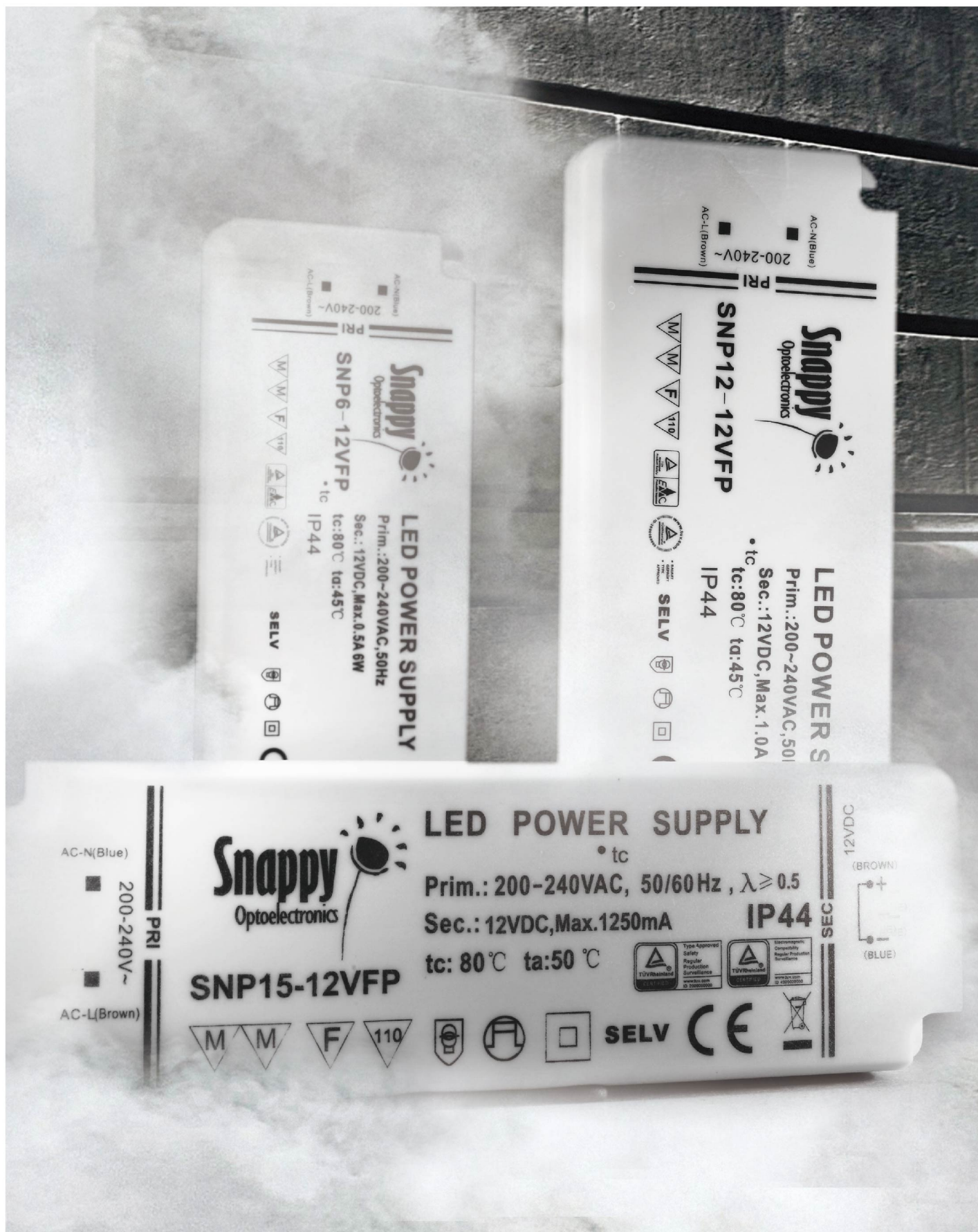
Rated input voltage: AC90-305V 50Hz (PF>0.95 measured at AC230V and full load) Ta -40~70°C, Tc 95°C

Model No.	DC voltage	Output voltage range	Rated current	Max output power	Efficiency
SPF90-12A/B	12V	6~12V DC	6.7A	80W max	90%
SPF90-15A/B	15V	7.5~15V DC	5.4A	80W max	91%
SPF90-24A/B	24V	12~24V DC	3.75A	90W max	92%
SPF90-36A/B	36V	18~36V DC	2.5A	90W max	92%
SPF90-48A/B	48V	24~48V DC	1.875A	90W max	92%

#### Reliable Technical Data

- Universal AC input/full range(up to 305VAC)
- Protections:short circuit/over load/over voltage/over temperature
- Built in active PFC function
- Cooling by free air, high reliability
- CLASS II WITHOUT FG
- CLASS 2 not include 12VDC, 15VDC
- Suitable for led lighting and moving sign applications
- Three in one dimming function(1-10Vdc, PWM signal or resistance)
- Compliance to worldwide safety regulation for led lightings
- 5 years warranty
- Safety standards to EN61347-1, EN61347-2-13
- Withstand voltage to I/P: -O/P: 5.3KV DC 1 minute
- Withstand voltage to I/P: -O/P, I/P-FG: 50M Ohm /500VDC/25°C/70%RH
- Withstand voltage to EN55015,Fcc par15 ClssC
- Withstand voltage to EN61000-4-2, 3, 4, 5, 6, 8, 11; EN55024; EN61547
- Harmonic current toEN61000-3-2 CLASS C (100% load)





## Waterproof LED Power Supply

- SPH Series
- SNP Series
- SPF Series
- Anti-fog Series

### Anti-fog Series Power Supply

For Constant Voltage LED lamps or luminaires it is necessary to wire the circuit in parallel in order for the voltage to remain constant

Open Circuit ; Short Circuit ; Over Load

The plastic body IP66 or IP44



SNP4-ILP  
page 19



SNP6-VFP  
SNP6-IFP  
page 20



SNP12-VFP  
SNP12-IFP  
page 21



SNP15-VFP  
SNP15-IFP  
page 22



SNP30-VFP  
page 23

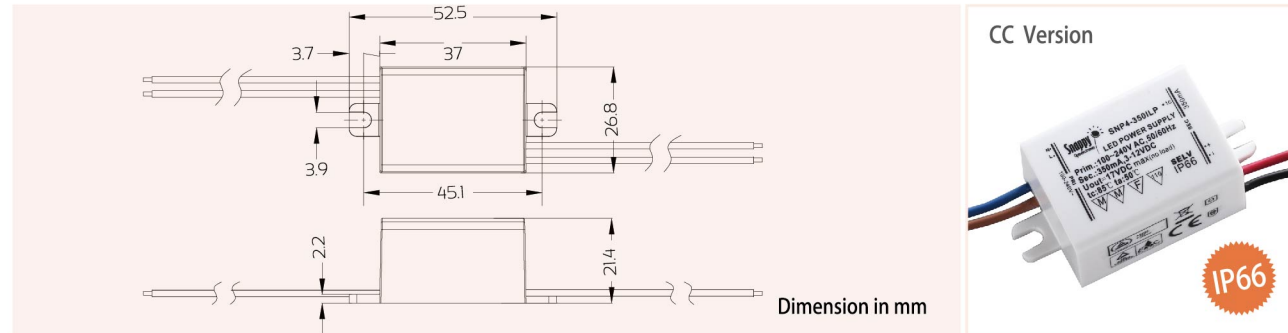


SNP60-VFP-1  
page 24



# Waterproof LED Power Supply

## SNP4-ILP



### Characteristics

Rated input voltage: AC100-240V 50/60Hz (power factor measured at AC230V and full load)

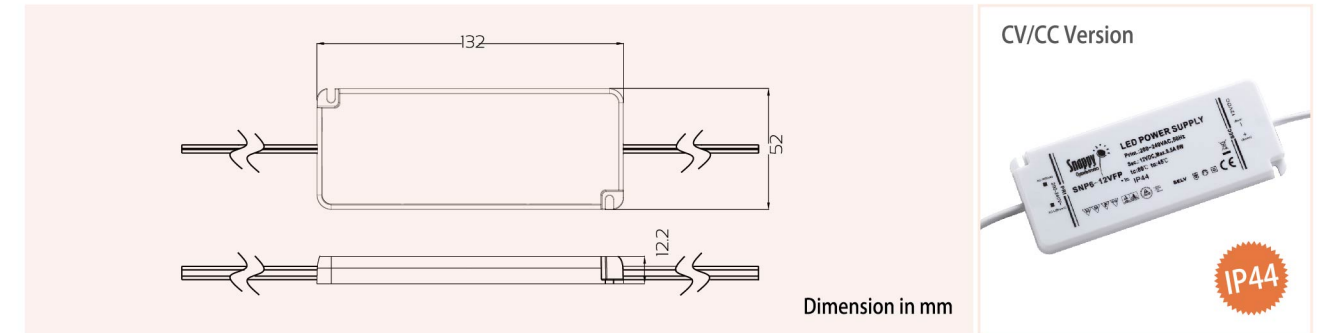
Model No.	Constant output current	Load	Max output voltage	PF	Ta	Tc	L×W×H
SNP4-350ILP	350mA	1-4W	12VDC	≥0.4	50℃	85℃	52.5X26.8X21.4
SNP4-500ILP	500mA	1.5-4W	9.5VDC	≥0.4	50℃	85℃	52.5X26.8X21.4
SNP4-700ILP	700mA	2-4W	6VDC	≥0.4	50℃	85℃	52.5X26.8X21.4

### Reliable Technical Data

- Rated Input Voltage:100-240VAC
- Input Frequency:50/60Hz
- Output Power:4W
- Dimension:L52.5xW26.8xH21.4mm
- Body:PC By Waterproof 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 EN62493-2010
- ERP According to EN1194-2012
- Conforms to UL Std. 1310 8750
- Cert.to CAN/CSA Std. C22.2 No.233-M91

# Waterproof LED Power Supply

## SNP6-VFP/SNP6-IFP



### Characteristics

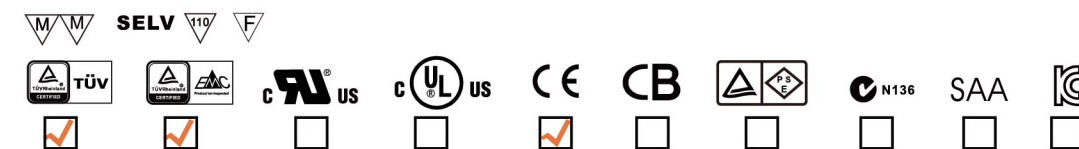
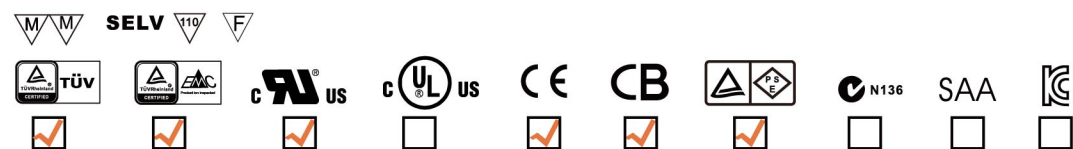
Rated input voltage: AC200-240V 50Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L×W×H
SNP6-12VFP	12V	0-6W	0.5A	≥0.5	45℃	80℃	132X52X12.2
SNP6-24VFP	24V	0-6W	0.25A	≥0.5	45℃	80℃	132X52X12.2

Model No.	Constant output current	Load	Max output voltage	PF	Ta	Tc	L×W×H
SNP6-350IFP	350mA	0-6W	18.5V	≥0.5	45℃	80℃	132X52X12.2
SNP6-700IFP	700mA	0-6W	8.57V	≥0.5	45℃	80℃	132X52X12.2

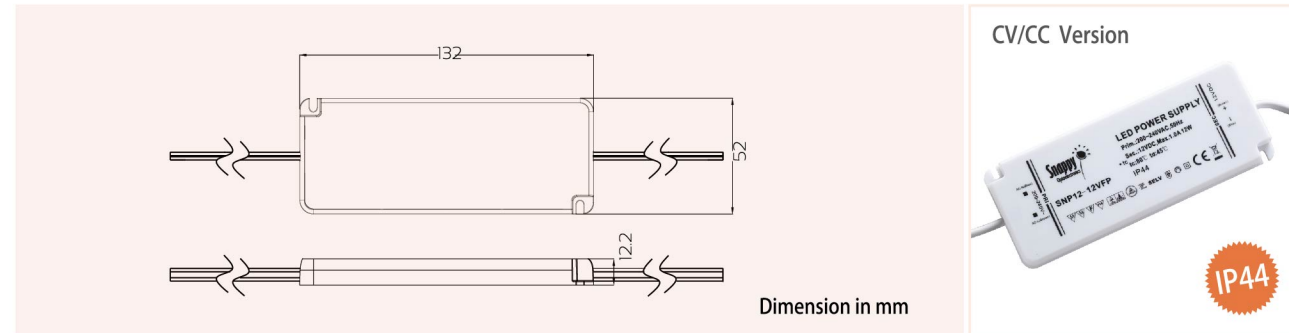
### Reliable Technical Data

- Rated Input Voltage:200-240VAC
- Input Frequency:50Hz
- Output Power:6W
- Dimension:L132xW52xH12mm
- Body:PC Body By Waterproof 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 EN62493-2010
- ERP According to EN1194-2012



# Waterproof LED Power Supply

## SNP12-VFP/SNP12-IFP



### Characteristics

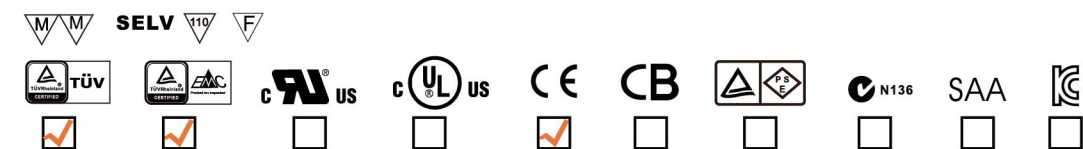
Rated input voltage: AC200-240V 50Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L×W×H
SNP12-12VFP	12V	0-12W	1.0A	≥ 0.5	45℃	80℃	132X52X12.2
SNP12-24VFP	24V	0-12W	0.5A	≥ 0.5	45℃	80℃	132X52X12.2

Model No.	Constant output current	Load	Max output voltage	PF	Ta	Tc	L×W×H
SNP12-350IFP	350mA	0-12W	34V	≥ 0.5	45℃	80℃	132X52X12.2
SNP12-700IFP	700mA	0-12W	17V	≥ 0.5	45℃	80℃	132X52X12.2

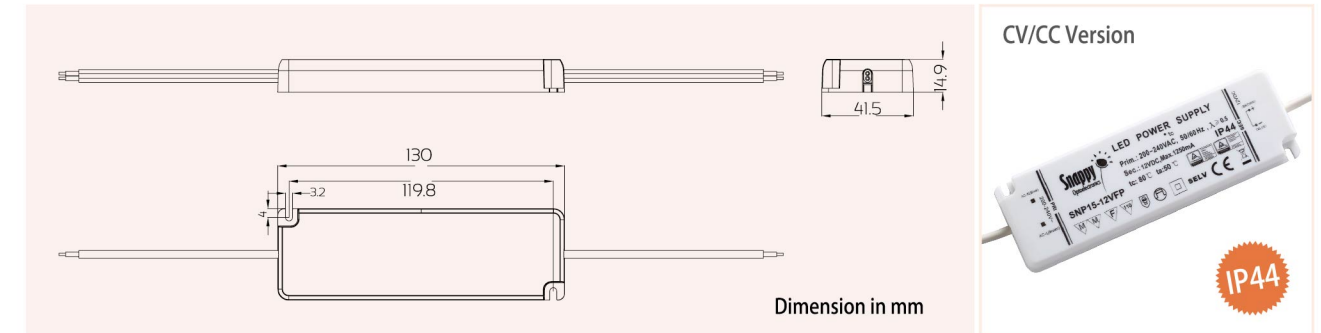
### Reliable Technical Data

- Rated Input Voltage:200-240VAC
- Input Frequency:50Hz
- Output Power:12W
- Dimension:L132xW52xH12mm
- Body:PC Body By Waterproof 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 EN62493-2010
- ERP According to EN1194-2012



# Waterproof LED Power Supply

## SNP15-VFP/SNP15-IFP



### Characteristics

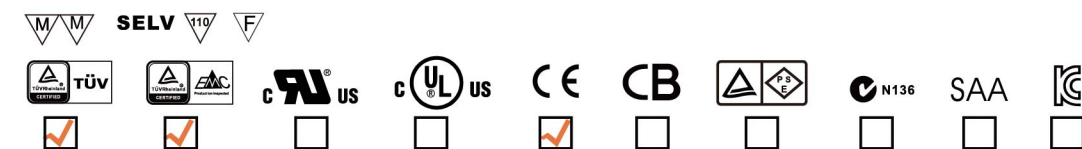
Rated input voltage: AC200-240V 50Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L×W×H
SNP15-12VFP	12V	0-15W	1.25A	≥ 0.5	50℃	80℃	130X41.5X14.9
SNP15-24VFP	24V	0-15W	0.625A	≥ 0.5	50℃	80℃	130X41.5X14.9

Model No.	Constant output current	Load	Max output voltage	PF	Ta	Tc	L×W×H
SNP15-350IFP	350mA	7.5-15W	42.5V	≥ 0.5	50℃	80℃	130X41.5X14.9
SNP15-500IFP	500mA	7.5-15W	30V	≥ 0.5	50℃	80℃	130X41.5X14.9
SNP15-700IFP	700mA	7.35-15W	21.5V	≥ 0.5	50℃	80℃	130X41.5X14.9

### Reliable Technical Data

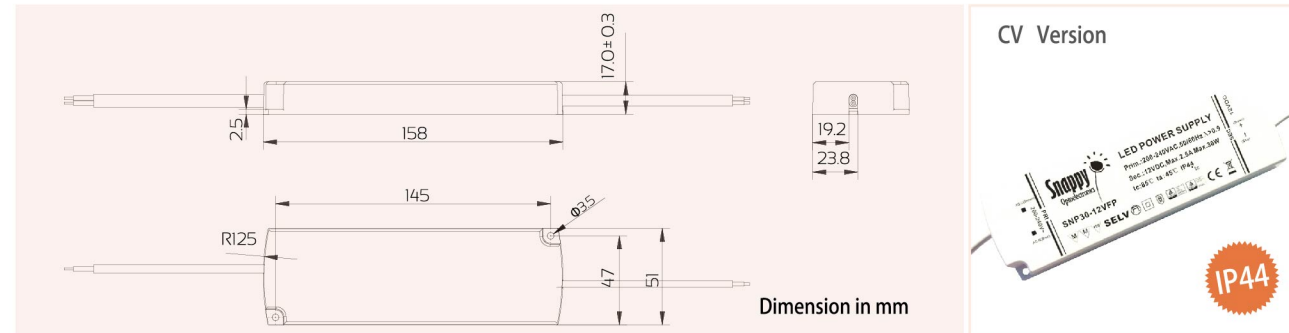
- Rated Input Voltage:200-240VAC
- Input Frequency:50/60Hz
- Output Power:15W
- Dimension:L130xW41.5xH14.9mm
- Body:PC Body By Waterproof Grade IP44
- Open Circuit;Short Circuit;Over Load;
- Over Heat Protection
- Safety According to EN61347-1,EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2;EN61000-3-3;EN61547
- EMF According to EN62493-2010
- ERP According to EN1194-2012





## Waterproof LED Power Supply

### SNP30-VFP



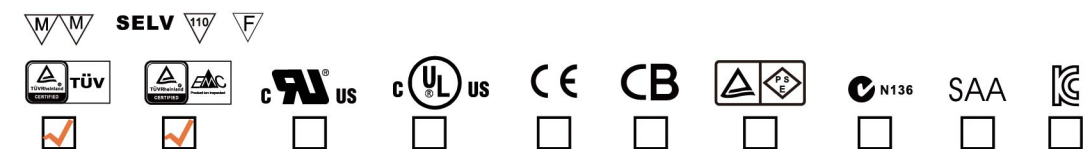
#### Characteristics

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

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L×W×H
SNP30-12VFP	12V	0-30W	1.0A	≥ 0.9	45 °C	80 °C	158X51X17
SNP30-24VFP	24V	0-30W	0.5A	≥ 0.9	45 °C	80 °C	158X51X17

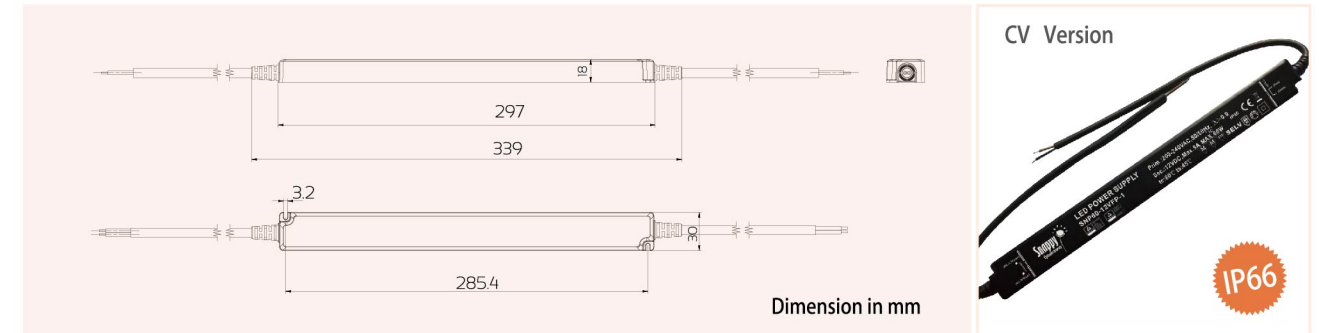
#### Reliable Technical Data

- Rated Input Voltage:200-240VAC
- Input Frequency:50/60Hz
- Output Power:30W
- Dimension:L158xW51xH17mm
- Body:PC Body By Waterproof 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 EN62493-2010
- ERP According to EN1194-2012



## Waterproof LED Power Supply

### SNP60-VFP-1



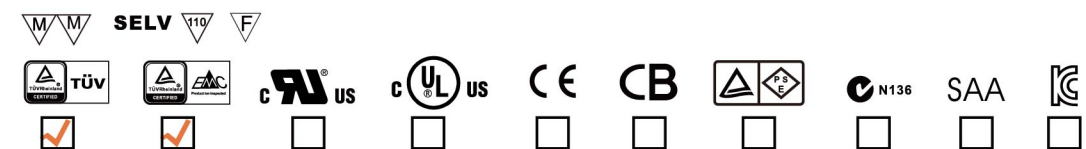
#### Characteristics

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

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L×W×H
SNP60-12VFP-1	12V	0-60W	5A	≥ 0.9	45 °C	80 °C	285X30X18
SNP60-24VFP-1	24V	0-60W	2.5A	≥ 0.9	45 °C	80 °C	285X30X18

#### Reliable Technical Data

- Rated Input Voltage:200-240VAC
- Input Frequency:50/60Hz
- Output Power:60W
- Dimension:L285xW30xH18mm
- Body:PC Body By Waterproof 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 EN62493-2010
- ERP According to EN1194-2012





## Dimmable LED Power Supply

Small size, Light weight, easy to install and transportation

Open Circuit ; Short Circuit ; Over Load

Dimmable



SPM-30  
page 27



SNP10-ILT  
page 28



SP15-ILT  
page 29



SP18-ILT  
page 30



SNP18-ILT(UL)  
page 31



SNP18-ILD  
page 32



SP24-ILT  
page 33



SP36-ILT  
page 34



SP30-IL/SP30-IL-1  
page 35

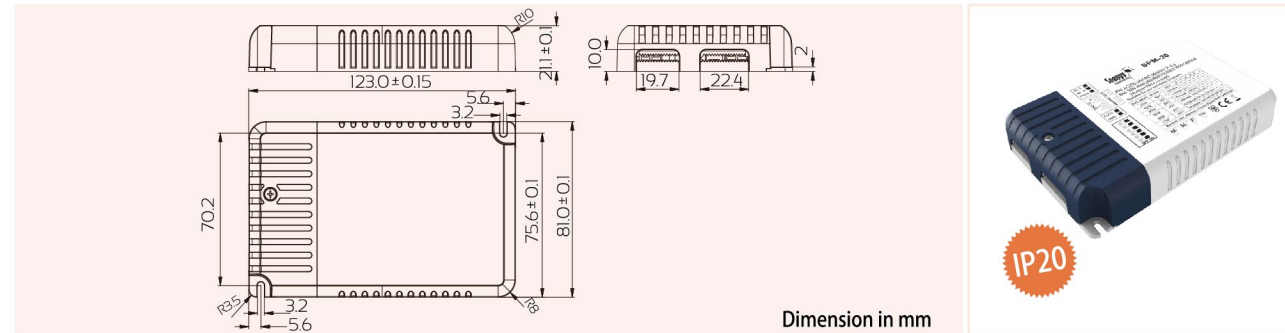


SP75-IL(UE)  
page 36



## Dimmable LED Power Supply

SPM-30 **DIMMABLE**



Dimension in mm

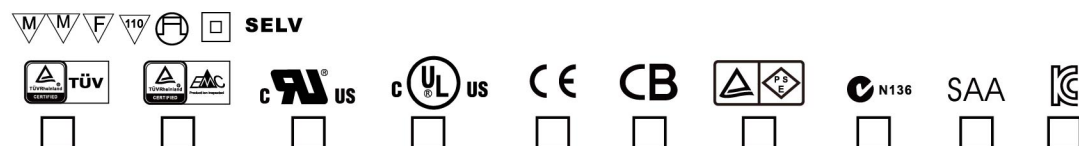
### Characteristics

Rated input voltage: AC180-264V 50Hz (PF>0.95 measured at AC230V and full load) Ta: -20~45 °C, Tc: 85 °C

Model No.	Rated current	350mA	500mA	700mA	1000mA	1400mA	24V	48V
SPM-30	Range output Voltage(DC)	3-72V	3-60V	3-42V	3-30V	3-21V	1.2A	0.6A

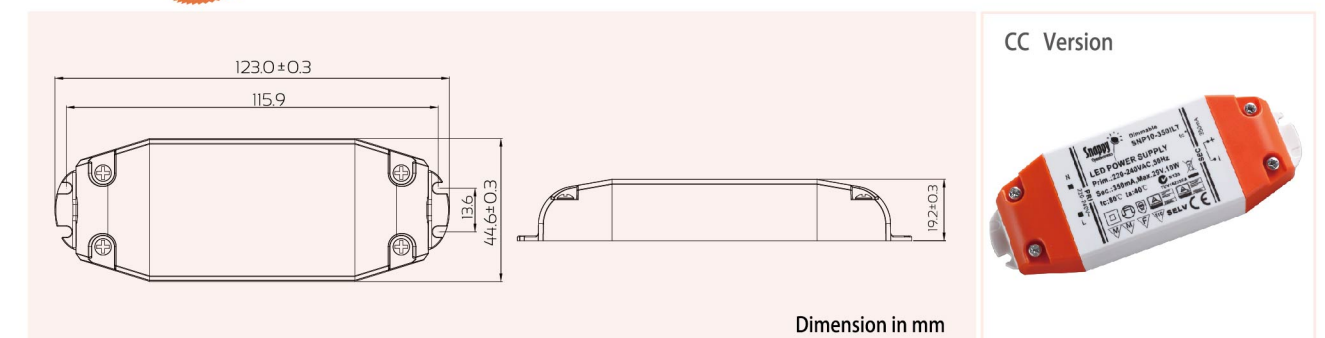
### Reliable Technical Data

- Output current level selectable by DIP S.W.
- 180~264VAC input only
- Built-in active PFC function
- Protections: Short circuit / Over voltage / Over temperature
- Cooling by free air convection
- Temperature compensation function by external NTC
- Power supplies synchronization function up to 10 units
- 3 years warranty
- Built-in 0~10Vdc and PWM signal dimming function pushing dimming
- IP20 design
- Suitable for indoor LED lighting applications



## Dimmable LED Power Supply

SNP10-ILT **DIMMABLE**



Dimension in mm

### Characteristics

Rated input voltage: AC220-240V 50Hz (power factor measured at AC230V and full load)

Model No.	Constant output current	Load	Range output voltage	PF	Ta	Tc	L×W×H
SNP10-350ILT	350mA	6-10W	17-28.5VDC	≥0.8	40 °C	80 °C	123X44.6X19.2
SNP10-450ILT	450mA	6-10W	13.4-22VDC	≥0.8	40 °C	80 °C	123X44.6X19.2

### Reliable Technical Data

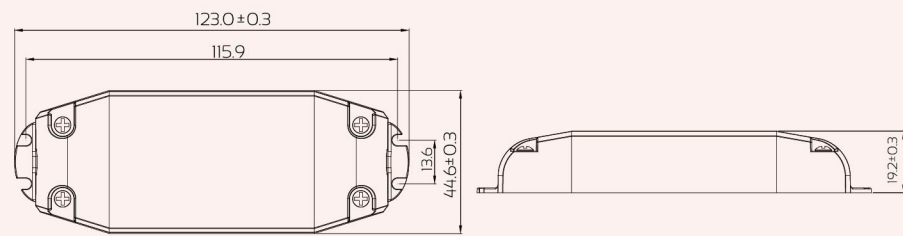
- Rated Input Voltage:220-240VAC
- Input Frequency:50Hz
- Output Power:10W
- Body:PC
- Open Circuit;Short Circuit;Over Load;
- Over Heat Protection
- Safety According to EN61347-1,EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2;EN61000-3-3;EN61547
- EMF According to EN62493-2010
- ERP According to EN1194-2012



## Dimmable LED Power Supply

SP15-ILT

DIMMABLE



CC Version



### Characteristics

Rated input voltage: AC220-240V 50Hz (power factor measured at AC230V and full load)

Model No.	Constant output current	Load	Range output voltage	PF	Ta	Tc	L×W×H
SP15-350ILT	350mA	7.5-15W	21.5-42.5VDC	≥0.9	40℃	85℃	123X44.6X19.2
SP15-500ILT	500mA	7.5-15W	15-30VDC	≥0.9	40℃	85℃	123X44.6X19.2
SP15-700ILT	700mA	7.5-15W	10.5-21.5VDC	≥0.9	40℃	85℃	123X44.6X19.2

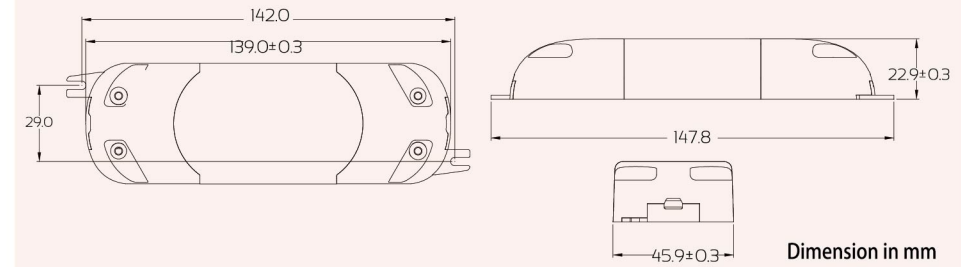
### Reliable Technical Data

- Rated Input Voltage:220-240VAC
- Input Frequency:50Hz
- 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 EN62493-2010
- ERP According to EN1194-2012

## Dimmable LED Power Supply

SP18-ILT

DIMMABLE



CC Version



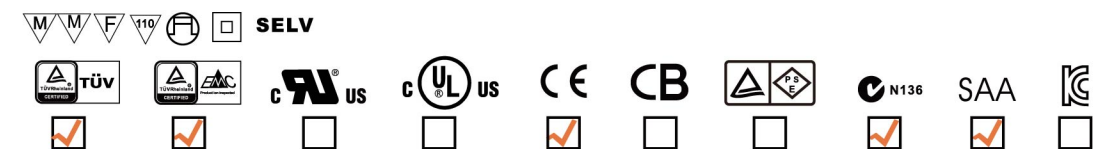
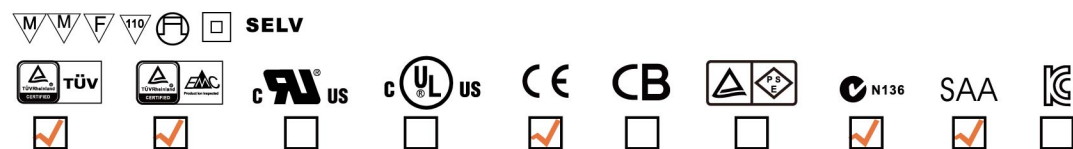
### Characteristics

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

Model No.	Constant output current	Load	Max output voltage	PF	Ta	Tc	L×W×H
SP18-350ILT	350mA	9-18W	65VDC	≥0.9	45℃	80℃	147.8X46X23
SP18-500ILT	500mA	9-18W	50VDC	≥0.9	45℃	80℃	147.8X46X23
SP18-700ILT	700mA	9-18W	35VDC	≥0.9	45℃	80℃	147.8X46X23

### Reliable Technical Data

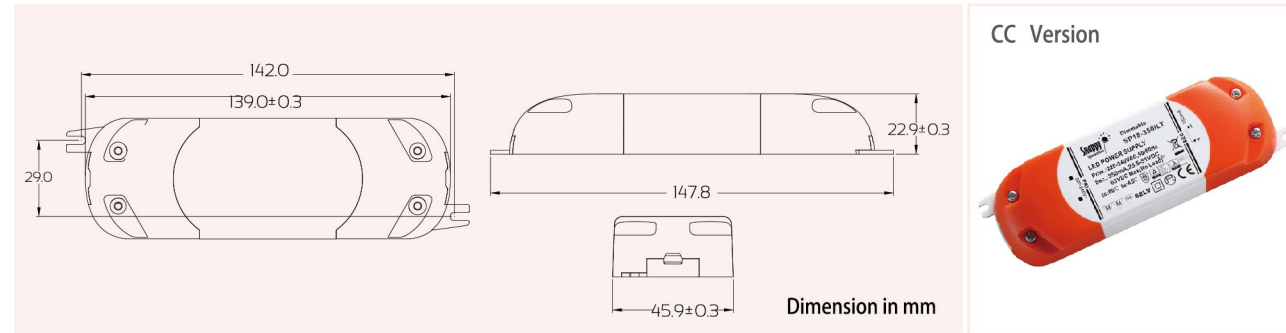
- Rated Input Voltage:220-240VAC
- Input Frequency:50Hz
- Output Power:18W
- Body:PC
- Open Circuit;Short Circuit;Over Load;
- Over Heat Protection
- Safety According to EN61347-1,EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2;EN61000-3-3;EN61547
- EMF According to EN62493-2010
- ERP According to EN1194-2012





## Dimmable LED Power Supply

SNP18-700ILT(UL) **DIMMABLE**



### Characteristics

Rated input voltage: AC120V 60Hz (power factor measured at AC120V and full load)

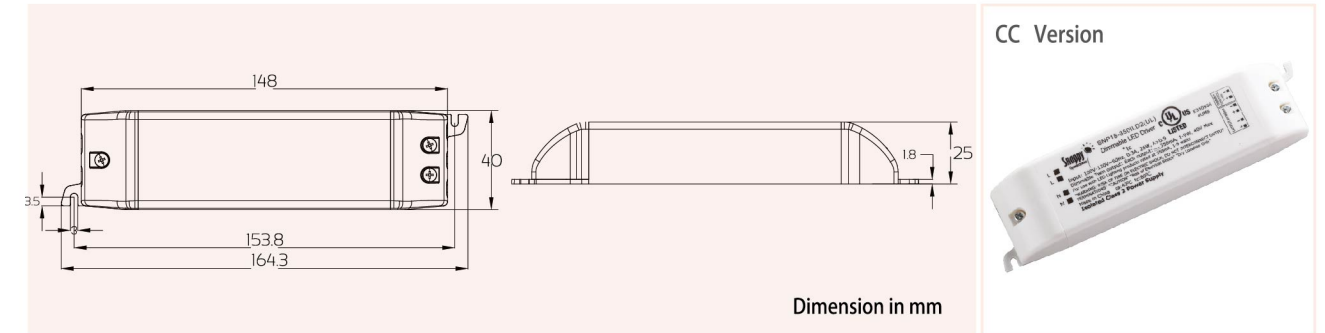
Model No.	Constant output current	Load	Max output voltage	PF	Ta	Tc	L×W×H
SNP18-700ILT(UL)	700mA	15-18W	26VDC	≥0.9	45℃	80℃	147.8X46X23

### Reliable Technical Data

- Rated Input Voltage:120VAC
- Input Frequency:60Hz
- Output Power:18W
- Body:PC
- Open Circuit;Short Circuit;Over Load;
- Over Heat Protection
- UL 1310 8750
- FCC PART 15

## Dimmable LED Power Supply

SNP18-ILD **DIMMABLE**



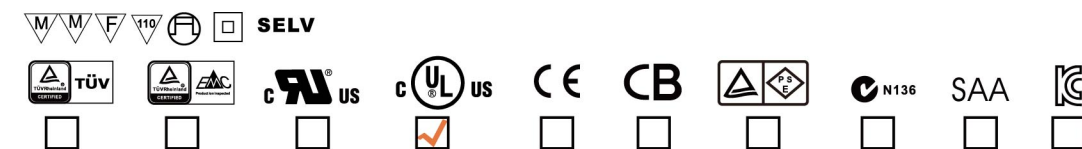
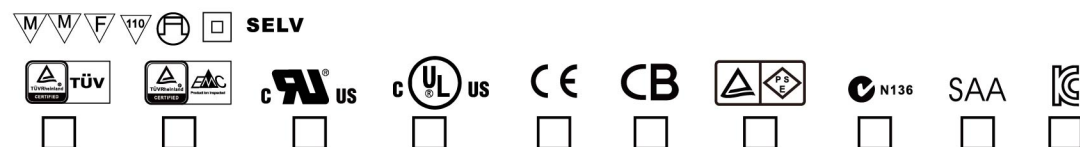
### Characteristics

Rated input voltage: AC120V 60Hz (power factor measured at AC230V and full load)

Model No.	Output	Constant output current	Range	PF	Ta	Tc	L×W×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

### Reliable Technical Data

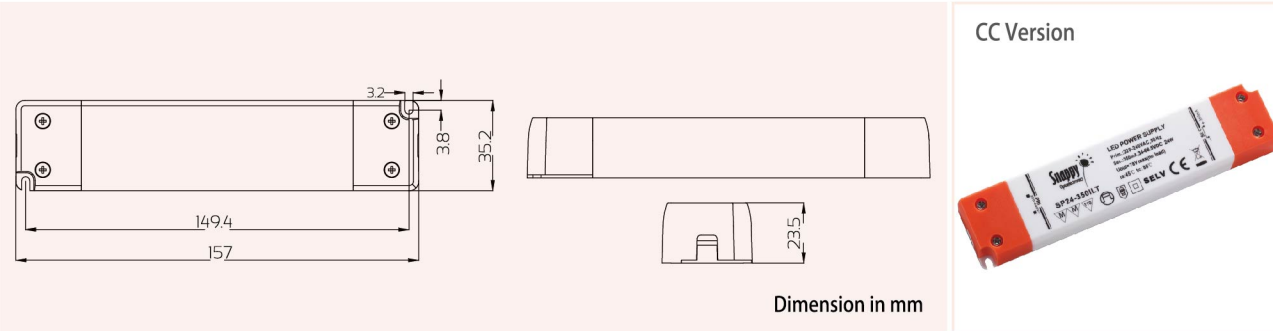
- Rated Input Voltage:120VAC
- Input Frequency:60Hz
- Output Power:18W
- Body:PC
- Open Circuit;Short Circuit;Over Load;
- Over Heat Protection
- UL 1310 8750
- FCC PART 15
- Cer.to CAN/CSA Std.C22.2 No.233-M91



## Dimmable LED Power Supply

SP24-ILT

DIMMABLE



CC Version

Dimension in mm

### Characteristics

Rated input voltage: AC220-240V 50Hz (power factor measured at AC230V and full load)

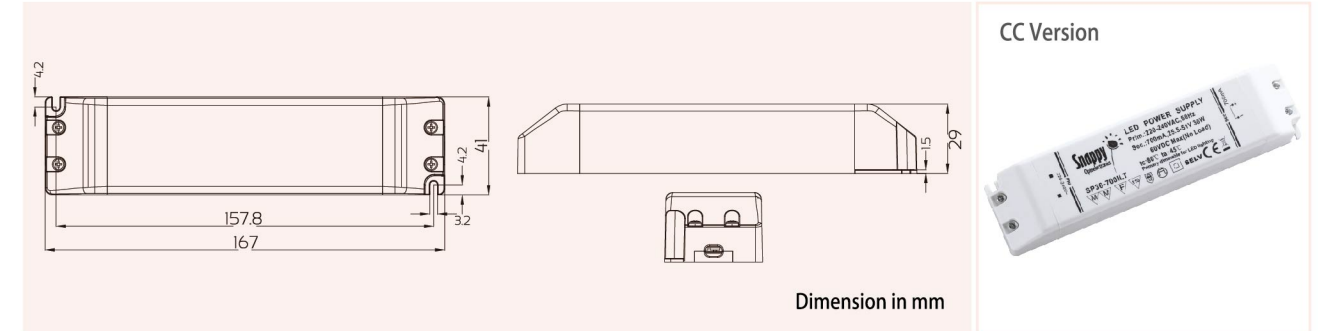
Model No.	Constant output current	Load	Range output voltage	PF	Ta	Tc	L×W×H
SP24-350ILT	350mA	12-24W	34-68.5VDC	≥0.95	45℃	80℃	157X35.2X23.5
SP24-500ILT	500mA	12-24W	24-48VDC	≥0.95	45℃	80℃	157X35.2X23.5
SP24-700ILT	700mA	12-24W	17-34VDC	≥0.95	45℃	80℃	157X35.2X23.5
SP24-1050ILT	1050mA	12-24W	11-22.5VDC	≥0.95	45℃	80℃	157X35.2X23.5

### Reliable Technical Data

- Rated Input Voltage:220-240VAC
- 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 EN62493-2010
- ERP According to EN1194-2012

## Dimmable LED Power Supply

SP36-ILT



CC Version

Dimension in mm

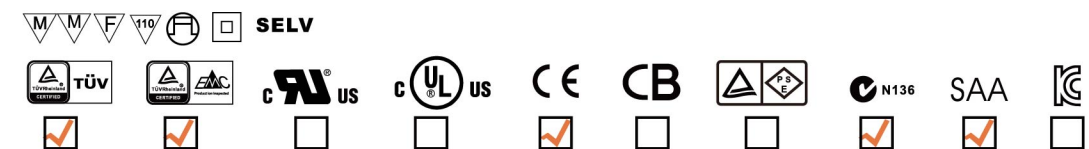
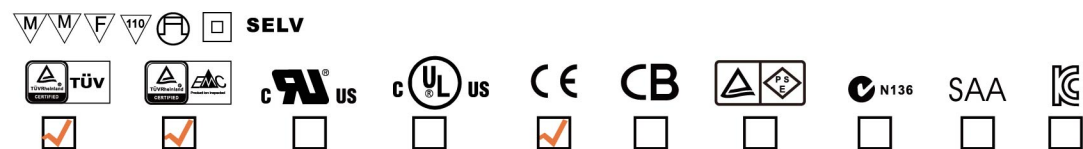
### Characteristics

Rated input voltage: AC220-240V 50Hz (power factor measured at AC230V and full load)

Model No.	Constant output current	Load	Range output voltage	PF	Ta	Tc	L×W×H
SP36-350ILT	350mA	15-30W	42.5V-85.5V	≥0.95	45℃	85℃	167X41X29
SP36-500ILT	500mA	18-36W	36V-72V	≥0.95	45℃	80℃	167X41X29
SP36-700ILT	700mA	18-36W	25.5V-51V	≥0.95	45℃	80℃	167X41X29
SP36-1050ILT	1050mA	18-36W	17V-34V	≥0.95	45℃	85℃	167X41X29

### Reliable Technical Data

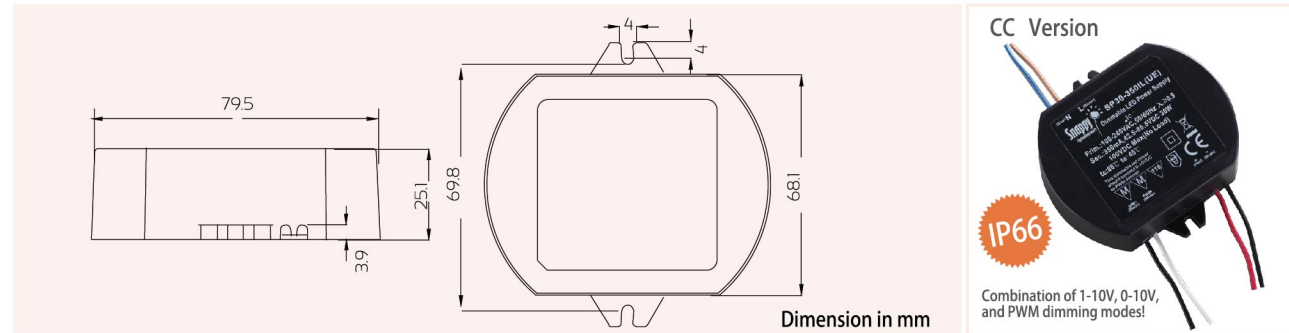
- Rated Input Voltage:220-240VAC
- Input Frequency:50Hz
- Output Power:36W
- Body:PC
- Open Circuit;Short Circuit;Over Load;
- Over Heat Protection
- Safety According to EN61347-1,EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2;EN61000-3-3;EN61547
- EMF According to EN62493-2010
- ERP According to EN1194-2012





# Dimmable LED Power Supply

SP30-IL(UE)/SP30-IL(UE)-1 **DIMMABLE**



## Characteristics

Rated input voltage: AC100-240V 50/60Hz (power factor measured at AC230V and full load)

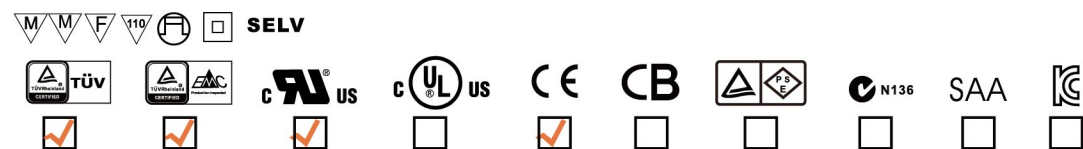
Model No.	Constant output current	Load	Max output voltage	PF	Ta	Tc	L×W×H
SP30-350IL(UE)	350mA	15-30W	85.5VDC	≥0.9	45 °C	80 °C	77.8X79.5X25.1
SP30-700IL(UE)	700mA	15-30W	42.5VDC	≥0.9	45 °C	80 °C	77.8X79.5X25.1
SP30-950IL(UE)	950mA	15-30W	31.5VDC	≥0.9	45 °C	80 °C	77.8X79.5X25.1
SP30-1050IL(UE)	1050mA	15-30W	28.5VDC	≥0.9	45 °C	80 °C	77.8X79.5X25.1
SP30-1400IL(UE)	1400mA	15-30W	21VDC	≥0.9	45 °C	80 °C	77.8X79.5X25.1

Rated input voltage: AC100-277V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output current	Load	Max output voltage	PF	Ta	Tc	L×W×H
SP30-350IL(UE)-1	350mA	15-30W	85.5VDC	≥0.9	45 °C	80 °C	77.8X79.5X25.1
SP30-700IL(UE)-1	700mA	15-30W	42.5VDC	≥0.9	45 °C	80 °C	77.8X79.5X25.1
SP30-950IL(UE)-1	950mA	15-30W	31.5VDC	≥0.9	45 °C	80 °C	77.8X79.5X25.1
SP30-1050IL(UE)-1	1050mA	15-30W	28.5VDC	≥0.9	45 °C	80 °C	77.8X79.5X25.1
SP30-1400IL(UE)-1	1400mA	15-30W	21VDC	≥0.9	45 °C	80 °C	77.8X79.5X25.1

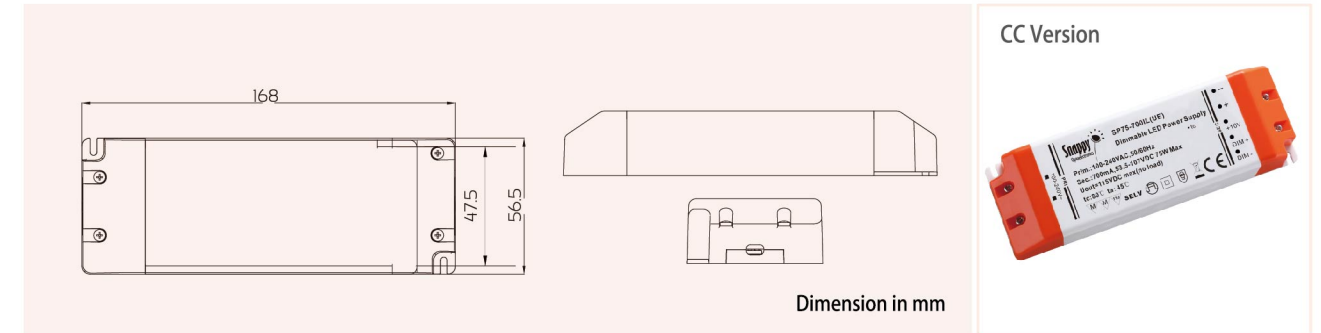
## Reliable Technical Data

- Rated Input Voltage:100-277VAC
- 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 EN62493-2010
- ERP According to EN1194-2012
- Conforms to UL Std. 1310 8750
- Cert.to CAN/CSA Std. C22.2 No.233-M91



# Dimmable LED Power Supply

SP75-IL(UE) **DIMMABLE**



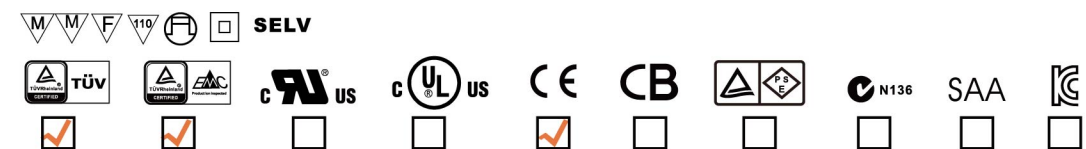
## Characteristics

Rated input voltage: AC100-240V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output current	Load	Range output voltage	PF	Ta	Tc	L×W×H
SP75-700IL(UE)	700mA	37-75W	53.5-107VDC	≥0.95	45 °C	80 °C	168X56.5X31
SP75-950IL(UE)	950mA	37-75W	39.5-79VDC	≥0.95	45 °C	80 °C	168X56.5X31
SP75-1050IL(UE)	1050mA	37-75W	36-72VDC	≥0.95	45 °C	80 °C	168X56.5X31
SP75-1400IL(UE)	1400mA	37-75W	27-54VDC	≥0.95	45 °C	80 °C	168X56.5X31
SP75-2100IL(UE)	2100mA	37-75W	18-36VDC	≥0.95	45 °C	80 °C	168X56.5X31

## Reliable Technical Data

- Rated Input Voltage:100-240VAC
- Input Frequency:50/60Hz
- Output Power:75W
- Body:PC
- Open Circuit;Short Circuit;Over Load;
- Over Heat Protection
- Three in one dimming function (1-10Vdc, PWM signal or resistance)
- 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 EN62493-2010
- ERP According to EN1194-2012
- Conforms to UL Std. 1310 8750
- Cert.to CAN/CSA Std. C22.2 No.233-M91





## Plug in LED Power Supply

Independent power supply for constant voltage current LED lamp

Plug-in input and mini DC socket output

## Economic Series Power Supply

Constant output current, low ripple. ensure the LED make use of security, stability , improve LED lighting effect ,reduce optical decay.

Open Circuit ; Short Circuit ; Over Load



SNP8-VL-2/SNP8-IL-2  
page 39



SNP8-VL/SNP8-IL  
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SNP8-VL-1/SNP8-IL-1  
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SNP15-VL/SNP15-IL/SNP15-IL-1  
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SNP20-VL  
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SNP30-VL/SNP30-VL-1  
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SNP75-VL-A  
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SNP150-VL  
page 46



SNP8-VLW/SNP8-ILW  
page 47



SNP12-VLW/SNP12-ILW  
page 48



SNP15-VLW/SNP15-ILW  
page 49

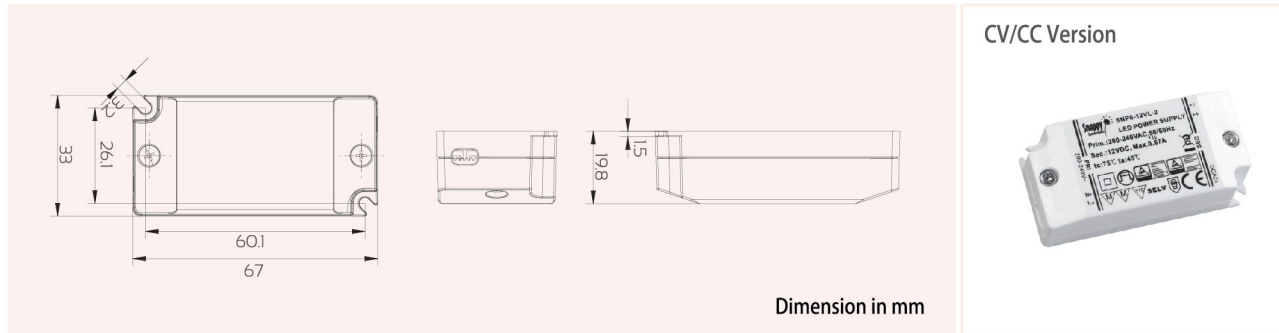


SNP24-VLW/SNP24-ILW  
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## Economic LED Power Supply

SNP8-VL-2/SNP8-IL-2



Dimension in mm

### Characteristics

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

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L×W×H
SNP8-12VL-2	12V	0-8W	0.67A	≥ 0.8	45 °C	75 °C	67X33X19.8
SNP8-24VL-2	24V	0-8W	0.33A	≥ 0.8	45 °C	75 °C	67X33X19.8

Model No.	Constant output voltage	Load	Max output Voltage	PF	Ta	Tc	L×W×H
SNP8-350IL-2	350mA	2-8W	23V	≥ 0.5	45 °C	75 °C	67X33X19.8
SNP8-500IL-2	500mA	2-8W	16V	≥ 0.5	45 °C	75 °C	67X33X19.8
SNP8-700IL-2	700mA	2-8W	11.5V	≥ 0.5	45 °C	75 °C	67X33X19.8

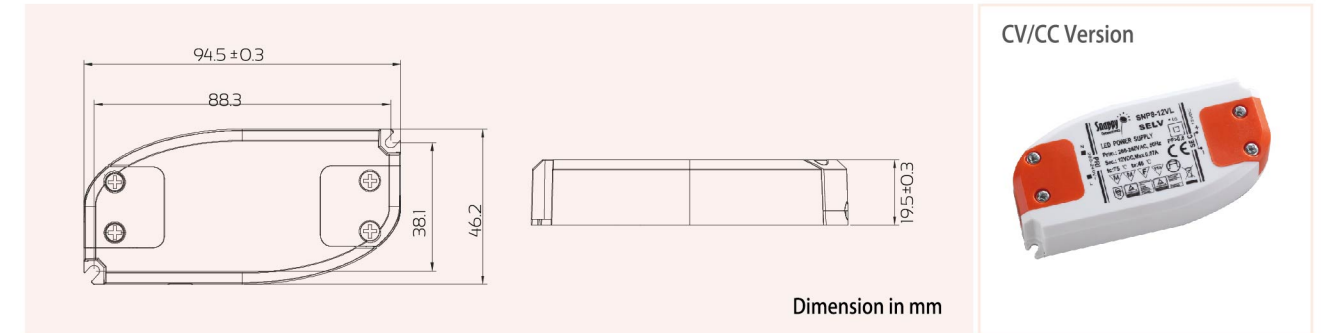
### Reliable Technical Data

- Rated Input Voltage:200-240VAC
- 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 EN62493-2010
- ERP According to EN1194-2012

New versions are less weight,slimmer and smaller sizes

## Economic LED Power Supply

SNP8-VL/SNP8-IL



Dimension in mm

### Characteristics

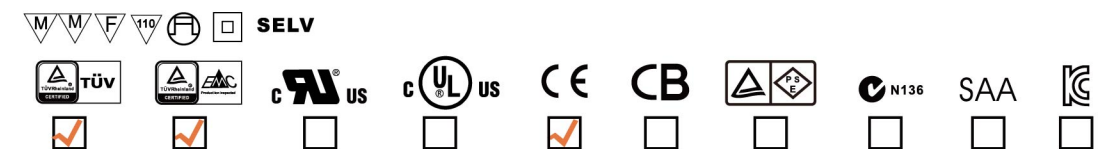
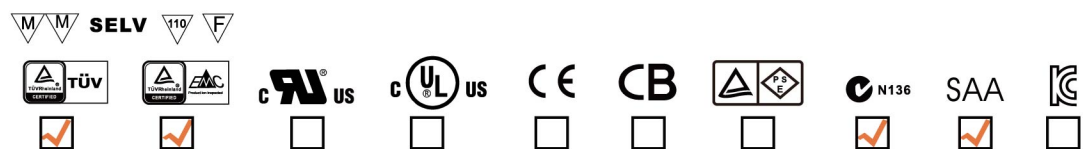
Rated input voltage: AC200-240V 50Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L×W×H
SNP8-12VL	12V	0-8W	0.67A	≥ 0.8	45 °C	75 °C	94.5X46.2X19.5
SNP8-24VL	24V	0-8W	0.33A	≥ 0.8	45 °C	75 °C	94.5X46.2X19.5

Model No.	Constant output current	Load	Max output voltage	PF	Ta	Tc	L×W×H
SNP8-350IL	350mA	4.2-8.4W	12-24VDC	≥ 0.8	45 °C	75 °C	94.5X46.2X19.5
SNP8-500IL	500mA	4-8W	8-16VDC	≥ 0.8	45 °C	75 °C	94.5X46.2X19.5
SNP8-700IL	700mA	4.2-8.4W	6-12VDC	≥ 0.8	45 °C	75 °C	94.5X46.2X19.5

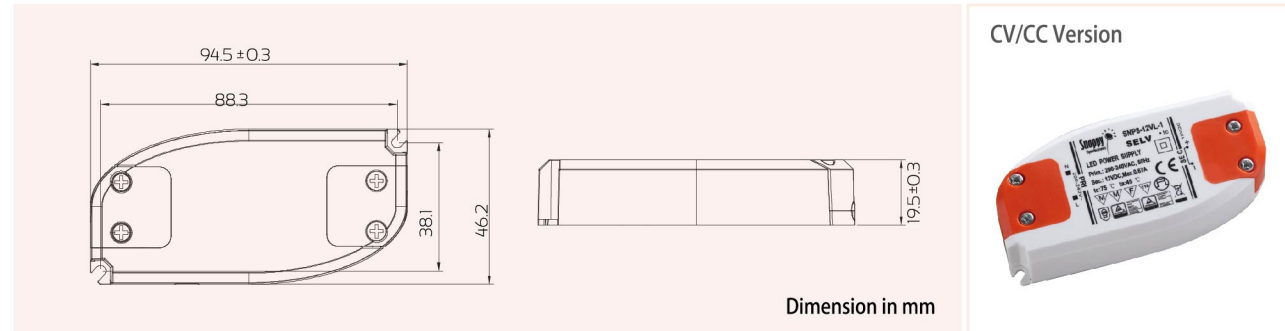
### Reliable Technical Data

- Rated Input Voltage:200-240VAC
- Input Frequency:50Hz
- 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 EN62493-2010
- ERP According to EN1194-2012



## Economic LED Power Supply

SNP8-VL-1/SNP8-IL-1



### Characteristics

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

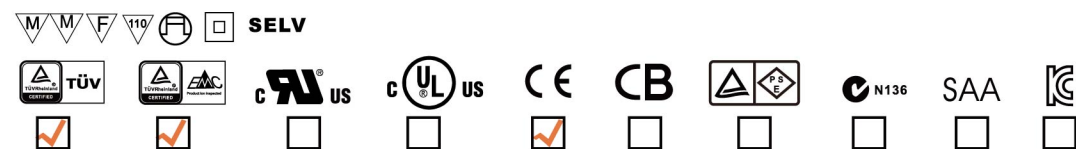
Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L×W×H
SNP8-12VL-1	12V	0-8W	0.67A	≥ 0.5	45 °C	75 °C	94.5X46.2X19.5
SNP8-24VL-1	24V	0-8W	0.33A	≥0.5	45 °C	75 °C	94.5X46.2X19.5

Model No.	Constant output current	Load	Max output voltage	PF	Ta	Tc	L×W×H
SNP8-350IL-1	350mA	4.2-8.4W	12-24VDC	≥0.5	45 °C	75 °C	94.5X46.2X19.5
SNP8-500IL-1	500mA	4-8W	8-16VDC	≥0.5	45 °C	75 °C	94.5X46.2X19.5
SNP8-700IL-1	700mA	4.2-8.4W	6-12VDC	≥0.5	45 °C	75 °C	94.5X46.2X19.5

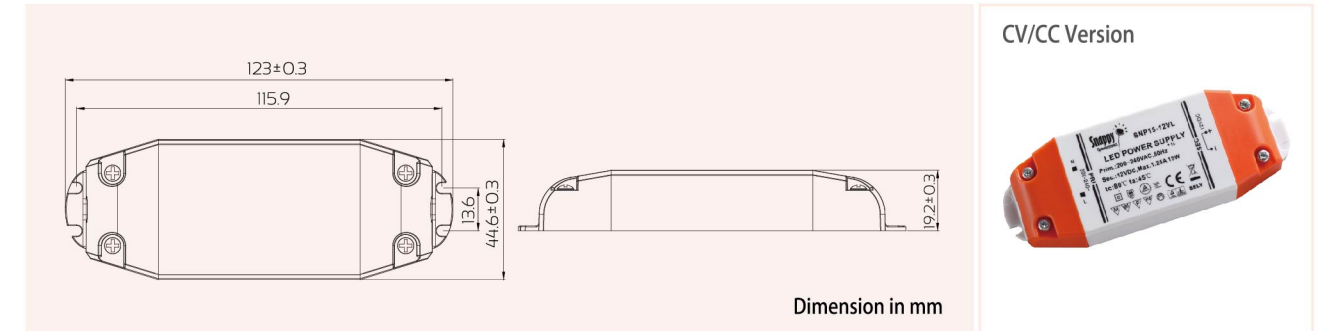
### Reliable Technical Data

- Rated Input Voltage:200-240VAC
- Input Frequency:50Hz
- 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 EN62493-2010
- ERP According to EN1194-2012



## Economic LED Power Supply

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



### Characteristics

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

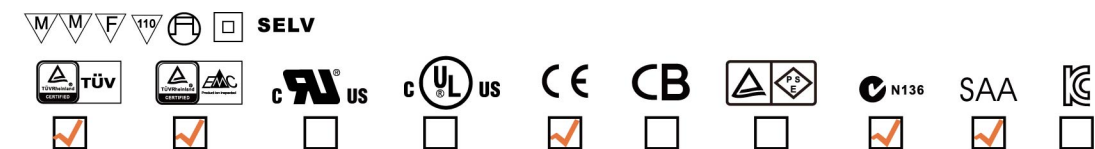
Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L×W×H
SNP15-12VL	12V	0-15W	1.25A	≥ 0.5	45 °C	80 °C	120X43X19
SNP15-24VL	24V	0-15W	0.625A	≥0.5	45 °C	80 °C	120X43X19
SNP15-12VL-1	12V	0-15W	1.25A	≥ 0.5	40 °C	85 °C	120X43X19
SNP15-24VL-1	24V	0-15W	0.625A	≥0.5	40 °C	85 °C	120X43X19

Model No.	Constant output current	Load	Max output voltage	PF	Ta	Tc	L×W×H
SNP15-350IL	350mA	10.5-15W	42VDC	≥0.5	45 °C	80 °C	120X43X19
SNP15-350IL-1	350mA	7.5-15W	42VDC	≥0.5	45 °C	80 °C	120X43X19
SNP15-500IL-1	500mA	7.5-15W	30VDC	≥0.5	45 °C	80 °C	120X43X19
SNP15-700IL	700mA	10.5-15W	21VDC	≥0.5	45 °C	80 °C	120X43X19
SNP15-700IL-1	700mA	7.5-15W	21VDC	≥0.5	45 °C	80 °C	120X43X19

### Reliable Technical Data

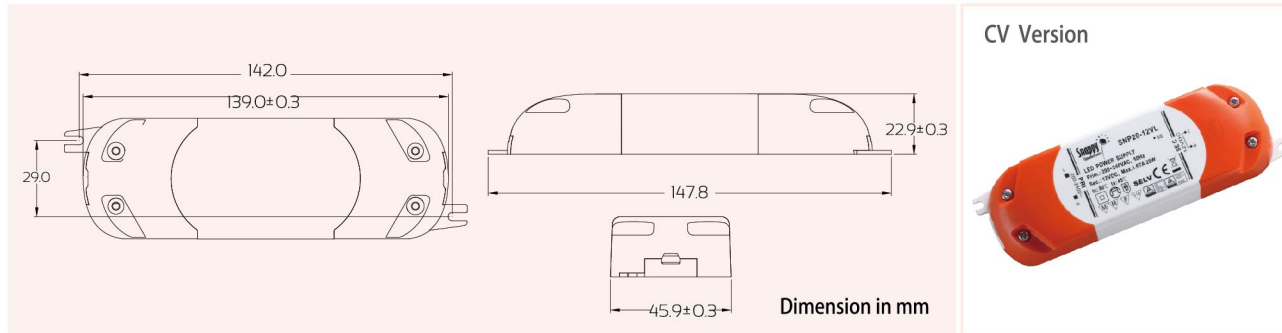
- Rated Input Voltage:200-240VAC
- Input Frequency:50Hz
- Output Power:15W
- Body:PC
- Open Circuit;Short Circuit;Over Load;
- Over Heat Protection
- Safety According to EN61347-1,EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2;EN61000-3-3;EN61547
- EMF According to EN62493-2010
- ERP According to EN1194-2012





## Economic LED Power Supply

### SNP20-VL



#### Characteristics

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

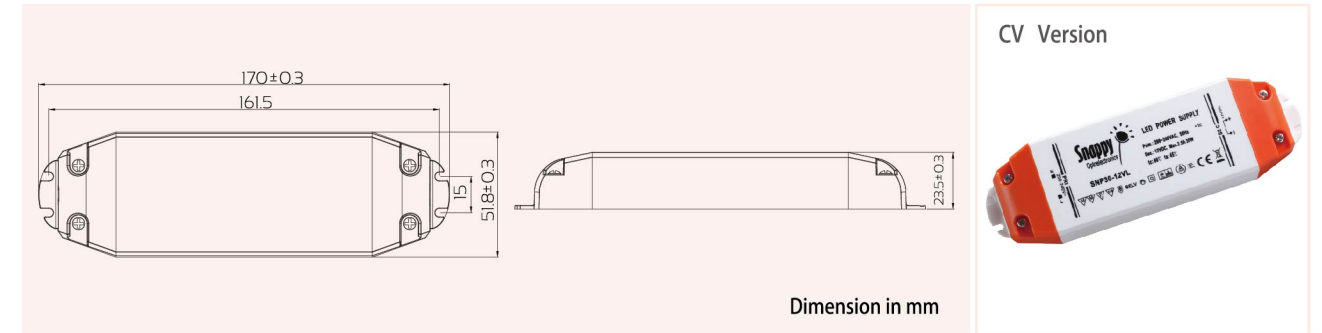
Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L×W×H
SNP20-12VL	12V	0-20W	1.67A	≥ 0.5	45 °C	85 °C	147.8X46X23
SNP20-24VL	24V	0-20W	0.83A	≥0.5	45 °C	85 °C	147.8X46X23

#### Reliable Technical Data

- Rated Input Voltage:200-240VAC
- 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 EN62493-2010
- ERP According to EN1194-2012

## Economic LED Power Supply

### SNP30-VL/SNP30-VL-1



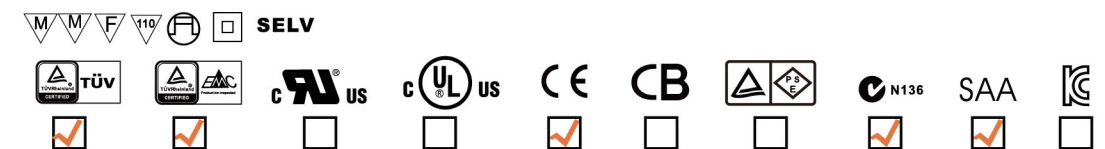
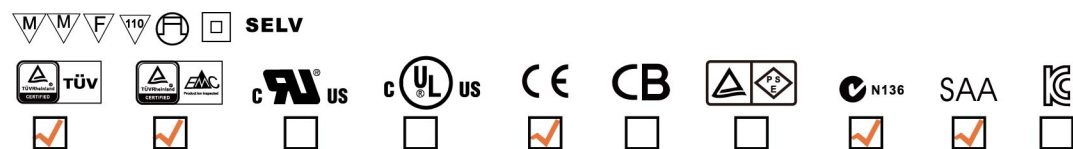
#### Characteristics

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

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L×W×H
SNP30-12VL	12V	0-30W	2.5A	≥ 0.9	45 °C	80 °C	170X51.8X23.5
SNP30-24VL	24V	0-30W	1.25A	≥0.9	45 °C	80 °C	170X51.8X23.5
SNP30-12VL-1	12V	0-30W	2.5A	≥ 0.9	45 °C	80 °C	170X52X24
SNP30-24VL-1	24V	0-30W	1.25A	≥0.9	45 °C	80 °C	170X52X24

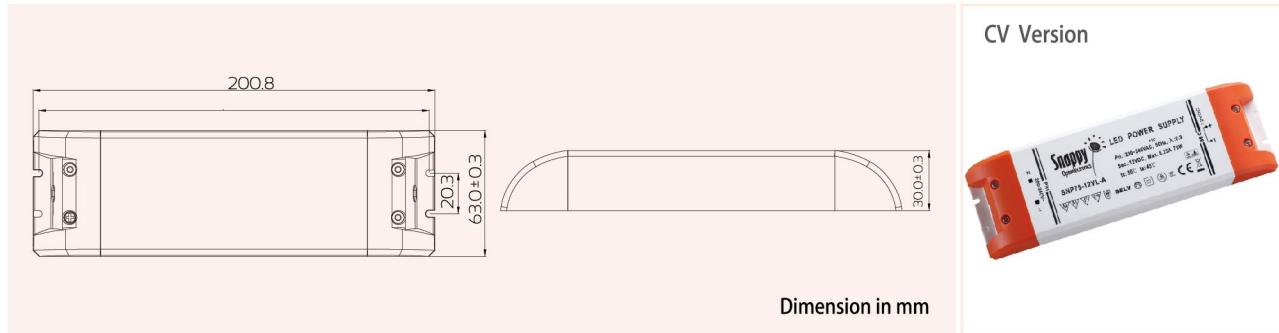
#### Reliable Technical Data

- Rated Input Voltage:200-240VAC
- 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 EN62493-2010
- ERP According to EN1194-2012



## Economic LED Power Supply

### SNP75-VL-A



#### Characteristics

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

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L×W×H
SNP75-12VL-A	12V	0-75W	6.25A	≥ 0.9	45℃	80℃	200.8X63X30
SNP75-24VL-A	24V	0-75W	3.12A	≥ 0.9	45℃	80℃	200.8X63X30

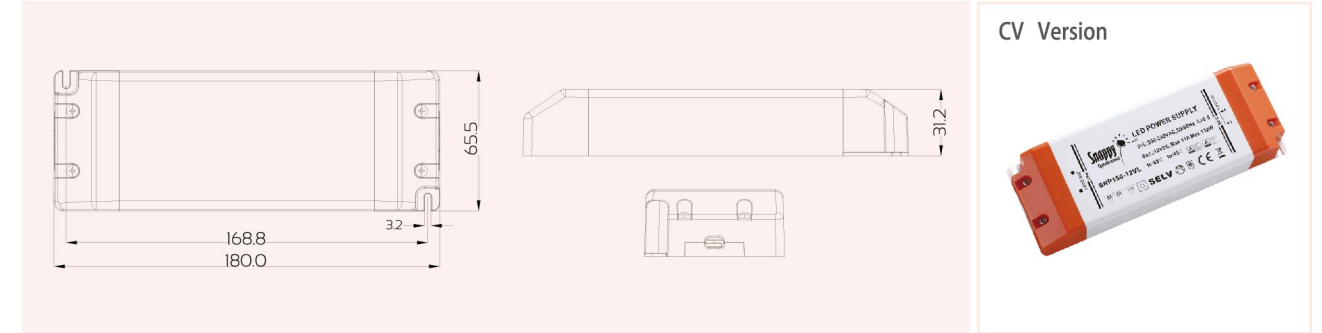
#### Reliable Technical Data

- Rated Input Voltage:200-240VAC
- 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 EN62493-2010
- ERP According to EN1194-2012

New versions are less weight,slimmer and smaller sizes

## Economic LED Power Supply

### SNP150-VL



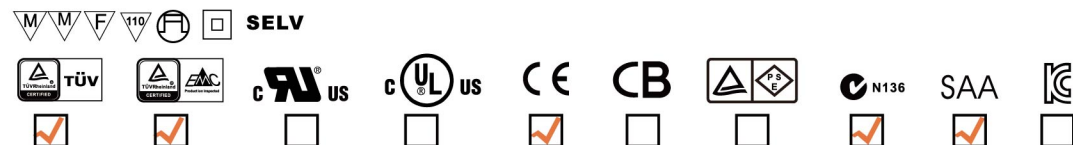
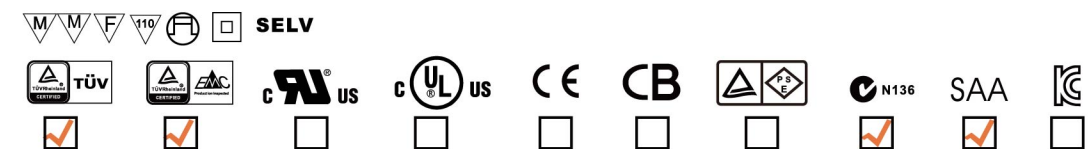
#### Characteristics

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

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L×W×H
SNP150-12VL	12V	0-150W	11A	≥ 0.9	45℃	80℃	180X65.5X31.2
SNP150-24VL	24V	0-150W	6.25A	≥ 0.9	45℃	80℃	180X65.5X31.2

#### Reliable Technical Data

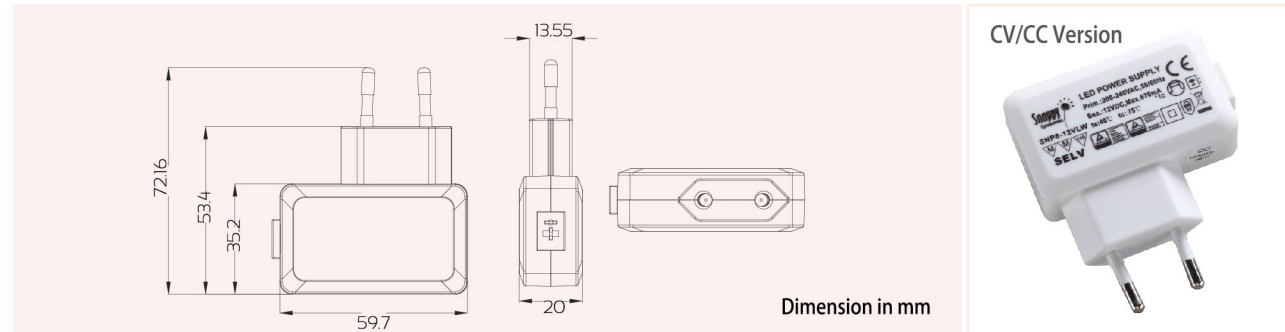
- Rated Input Voltage:200-240VAC
- Input Frequency:50/60Hz
- Output Power:150W
- Body:PC
- Open Circuit;Short Circuit;Over Load;
- Over Heat Protection
- Safety According to EN61347-1,EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2;EN61000-3-3;EN61547
- EMF According to EN62493-2010
- ERP According to EN1194-2012





## Plug in LED Power Supply

### SNP8-VLW/SNP8-ILW



#### Characteristics

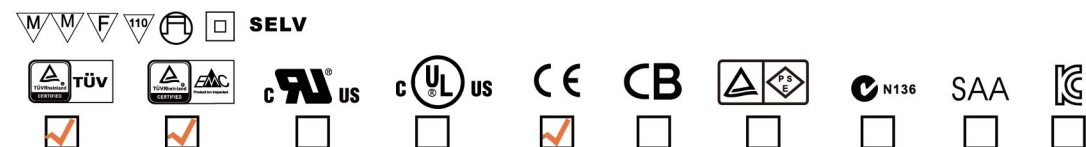
Rated input voltage: AC200-240V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L×W×H	Approval
SNP8-12VLW	12VDC	0-8W	0.67A	≥0.8	40℃	75℃	59.7X53.4X20	TUV
SNP8-24VLW	24VDC	0-8W	0.33A	≥0.8	40℃	75℃	59.7X53.4X20	TUV

Model No.	Constant output current	Load	Max output voltage	PF	Ta	Tc	L×W×H	Approval
SNP8-350ILW	350mA	3-8W	22.5VDC	≥0.8	40℃	75℃	59.7X53.4X20	TUV
SNP8-500ILW	500mA	3-8W	16VDC	≥0.8	40℃	75℃	59.7X53.4X20	TUV
SNP8-700ILW	700mA	3-8W	11.5VDC	≥0.8	40℃	75℃	59.7X53.4X20	TUV

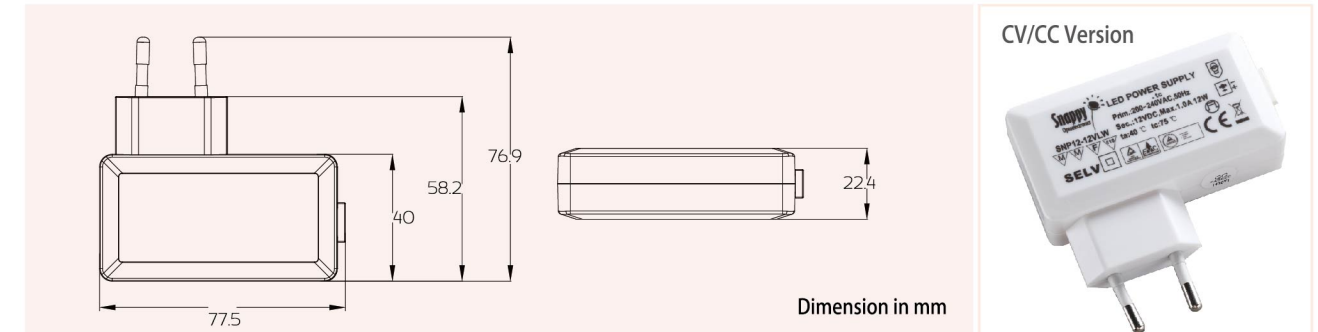
#### Reliable Technical Data

- Rated Input Voltage:200-240VAC
- 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
- EMF According to EN62493-2010
- EMS According to EN61000-3-2;EN61000-3-3;EN61547
- ERP According to EN1194-2012



## Plug in LED Power Supply

### SNP12-VLW/SNP12-ILW



#### Characteristics

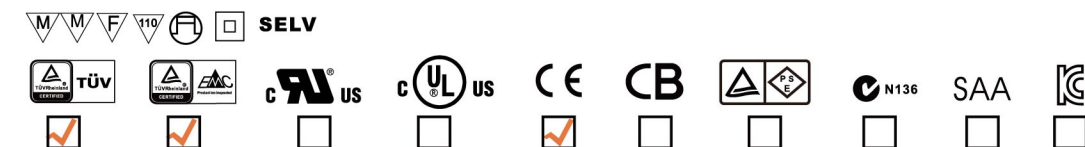
Rated input voltage: AC200-240V 50Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L×W×H	Approval
SNP12-12VLW	12VDC	0-12W	1.0A	≥0.7	40℃	75℃	77.5X58.2X22.4	TUV
SNP12-24VLW	24VDC	0-12W	0.5A	≥0.7	40℃	75℃	77.5X58.2X22.4	TUV

Model No.	Constant output current	Load	Max output voltage	PF	Ta	Tc	L×W×H	Approval
SNP12-350ILW	350mA	6-12W	34.2VDC	≥0.7	40℃	75℃	77.5X58.2X22.4	TUV
SNP12-500ILW	500mA	6-12W	24VDC	≥0.7	40℃	75℃	77.5X58.2X22.4	TUV
SNP12-700ILW	700mA	6-12W	17.5DCV	≥0.7	40℃	75℃	77.5X58.2X22.4	TUV

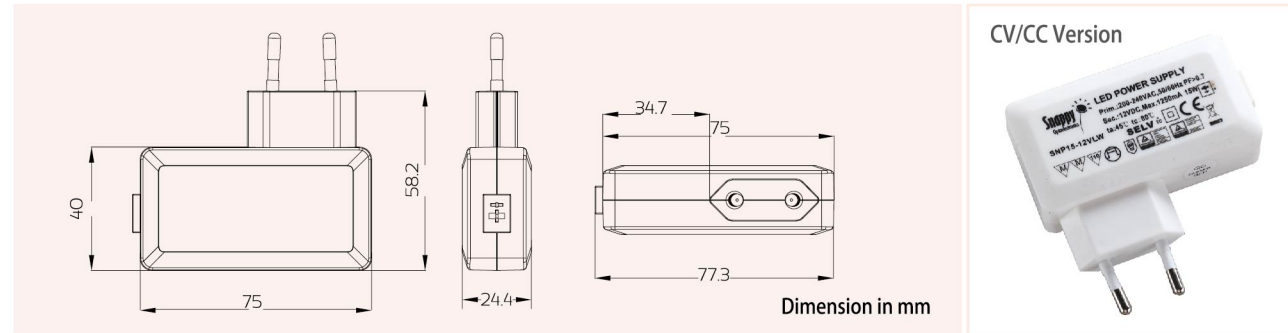
#### Reliable Technical Data

- Rated Input Voltage:200-240VAC
- Input Frequency:50Hz
- 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
- EMF According to EN62493-2010
- EMS According to EN61000-3-2;EN61000-3-3;EN61547
- ERP According to EN1194-2012



## Plug in LED Power Supply

### SNP15-VLW/SNP15-ILW



#### Characteristics

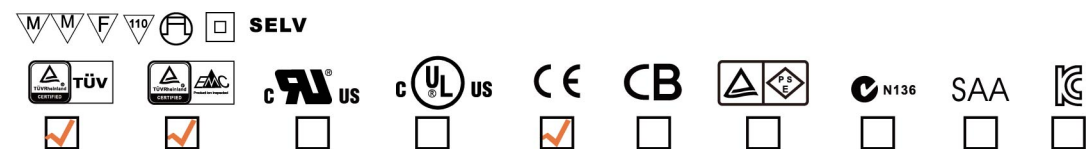
Rated input voltage: AC200-240V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L×W×H
SNP15-12VLW	12VDC	0-15W	1.25A	≥ 0.8	45 °C	80 °C	77.3X58.2X24.4
SNP15-24VLW	24VDC	0-15W	0.625A	≥0.8	45 °C	80 °C	77.3X58.2X24.4

Model No.	Constant output current	Load	Max output voltage	PF	Ta	Tc	L×W×H
SNP15-350ILW	350mA	6.0-15W	42.8VDC	≥0.7	40 °C	80 °C	77.3X58.2X24.4
SNP15-500ILW	500mA	6.0-15W	30VDC	≥0.7	40 °C	80 °C	77.3X58.2X24.4
SNP15-700ILW	700mA	6.0-15W	21.4VDC	≥0.7	40 °C	80 °C	77.3X58.2X24.4

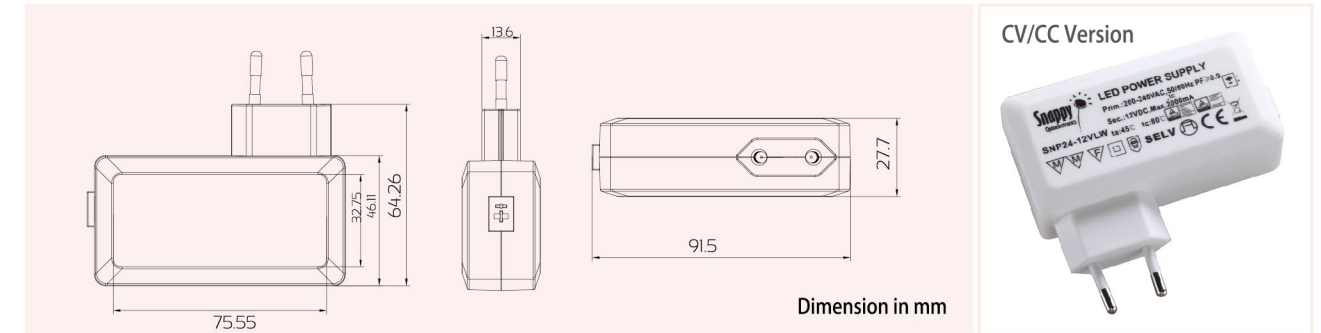
#### Reliable Technical Data

- Rated Input Voltage:200-240VAC
- 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
- EMF According to EN62493-2010
- EMS According to EN61000-3-2;EN61000-3-3;EN61547
- ERP According to EN1194-2012



## Plug in LED Power Supply

### SNP24-VLW/SNP24-ILW



#### Characteristics

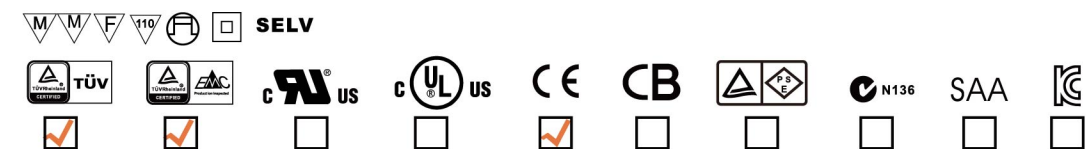
Rated input voltage: AC200-240V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L×W×H
SNP24-12VLW	12V	0-24W	2A	≥ 0.9	45 °C	80 °C	91.5X64.2X27.7
SNP24-24VLW	24V	0-24W	1A	≥0.9	45 °C	80 °C	91.5X64.2X27.7

Model No.	Constant output current	Load	Max output voltage	PF	Ta	Tc	L×W×H
SNP24-350ILW	350mA	12-24W	68.5VDC	≥0.9	45 °C	80 °C	91.5X64.2X27.7
SNP24-500ILW	500mA	12-24W	48VDC	≥0.9	45 °C	80 °C	91.5X64.2X27.7
SNP24-700ILW	700mA	12-24W	34.2VDC	≥0.9	45 °C	80 °C	91.5X64.2X27.7

#### Reliable Technical Data

- Rated Input Voltage:200-240VAC
- 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
- EMF According to EN62493-2010
- EMS According to EN61000-3-2;EN61000-3-3;EN61547
- ERP According to EN1194-2012







## Linetype LED Power Supply

Suitable for LED lighting and LED sign applications  
Open Circuit ; Short Circuit ; Over Load

## Super Slim LED Power Supply

Independent power supply for constant voltage LED lamp

Open Circuit ; Short Circuit ; Over Load

"SNP6" "SNP12" —The slimmest LED drivers in the world! only 10.7mm



SNP6-VF/SNP6-IF  
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SNP12-VF/SNP12-IF  
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SNP15-VF/SNP15-IF  
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SNP15-VF-1  
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SNP20-VF/SNP20-IF  
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SNP30-VF/SNP30-IF  
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SNP30-VF-3  
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SNP40-VF/SNP40-IF-1  
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SNP50-VF/SNP50-IF-1  
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SNP50-VF-1/SNP50-VF-2  
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SNP60-VF/SNP60-IF  
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SNP30VF-1/SNP30VF-2  
SNP30IF-1  
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SNP45-VF-1  
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SNP60-VF-1  
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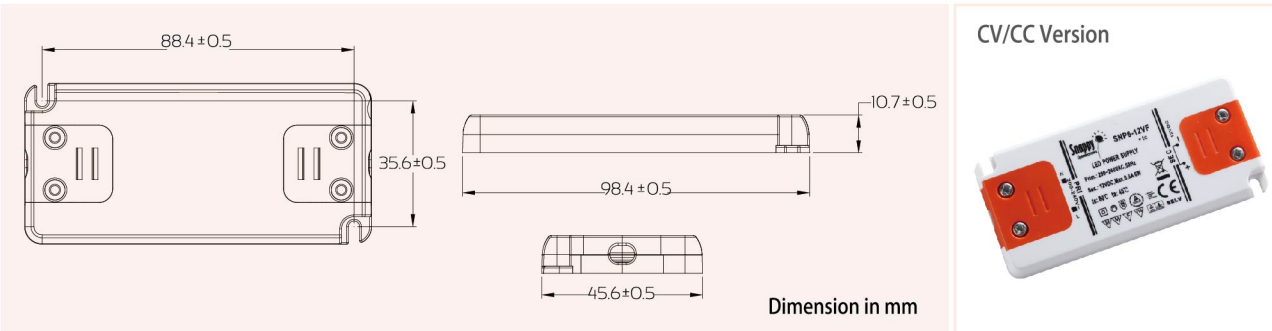
SNP75-VF-1  
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SNP100-VF-1  
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## Super Slim LED Power Supply

### SNP6-VF/SNP6-IF



#### Characteristics

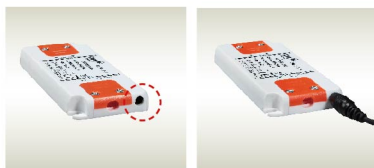
Rated input voltage: AC200-240V 50Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L×W×H
SNP6-12VF	12V	0-6W	0.5A	≥ 0.5	45 °C	80 °C	98.4X45.6X10.7
SNP6-24VF	24V	0-6W	0.25A	≥ 0.5	45 °C	80 °C	98.4X45.6X10.7

Model No.	Constant output current	Load	Max output voltage	PF	Ta	Tc	L×W×H
SNP6-350IF	350mA	0-6W	17.5VDC	≥ 0.5	45 °C	80 °C	98.4X45.6X10.7
SNP6-500IF	500mA	0-6W	12VDC	≥ 0.5	45 °C	80 °C	98.4X45.6X10.7
SNP6-700IF	700mA	0-6W	8.5VDC	≥ 0.5	45 °C	80 °C	98.4X45.6X10.7

#### Reliable Technical Data

- Rated Input Voltage:200-240VAC
- Input Frequency:50Hz
- 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 EN62493-2010
- ERP According to EN1194-2012

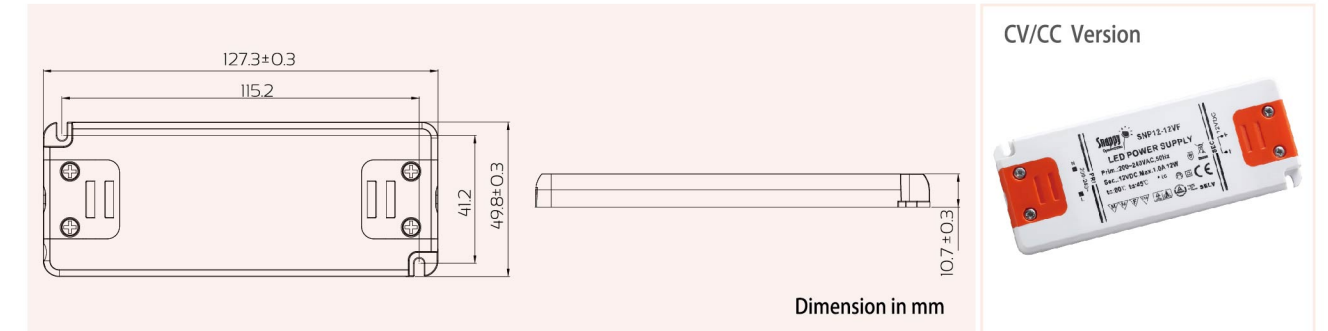


NEW direct plug-in feature!



## Super Slim LED Power Supply

### SNP12-VF/SNP12-IF



#### Characteristics

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

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L×W×H
SNP12-12VF	12V	0-12W	1.0A	≥ 0.5	45 °C	80 °C	127.3X49.8X10.7
SNP12-24VF	24V	0-12W	0.5A	≥ 0.5	45 °C	80 °C	127.3X49.8X10.7

Model No.	Constant output current	Load	Max output voltage	PF	Ta	Tc	L×W×H
SNP12-350IF	350mA	0-12W	34VDC	≥ 0.5	45 °C	80 °C	127.3X49.8X10.7
SNP12-500IF	500mA	0-12W	24VDC	≥ 0.5	45 °C	80 °C	127.3X49.8X10.7
SNP12-700IF	700mA	0-12W	17VDC	≥ 0.5	45 °C	80 °C	127.3X49.8X10.7

#### Reliable Technical Data

- Rated Input Voltage:200-240VAC
- Input Frequency:50Hz
- 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 EN62493-2010
- ERP According to EN1194-2012



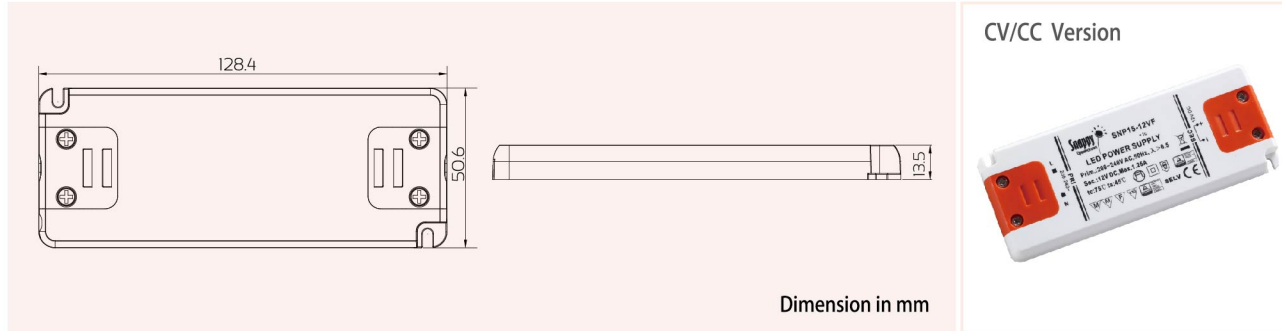
NEW direct plug-in feature!





# Super Slim LED Power Supply

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



## Characteristics

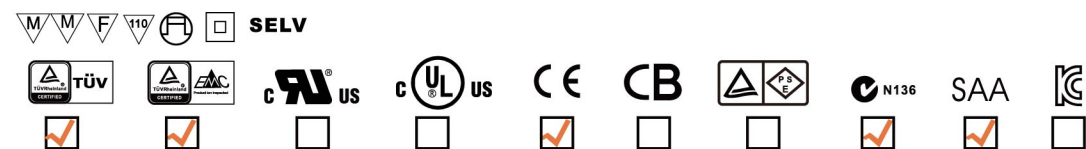
Rated input voltage: AC200-240V 50Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L×W×H
SNP15-12VF	12V	0-15W	1.25A	≥ 0.5	45 °C	75 °C	128.4X50.6X13.5
SNP15-24VF	24V	0-15W	0.625A	≥0.5	45 °C	75 °C	128.4X50.6X13.5

Model No.	Constant output current	Load	Max output voltage	PF	Ta	Tc	L×W×H
SNP15-350IF	350mA	10-15W	43VDC	≥0.5	45 °C	75 °C	128.4X50.6X13.5
SNP15-500IF	500mA	10-15W	30VDC	≥0.5	45 °C	75 °C	128.4X50.6X13.5
SNP15-700IF	700mA	8-15W	21VDC	≥0.5	45 °C	75 °C	128.4X50.6X13.5
SNP15-350IF-1	350mA	7.35-14.7W	43VDC	≥0.5	45 °C	75 °C	128.4X50.6X13.5
SNP15-700IF-1	700mA	7.35-14.7W	21VDC	≥0.5	45 °C	75 °C	128.4X50.6X13.5

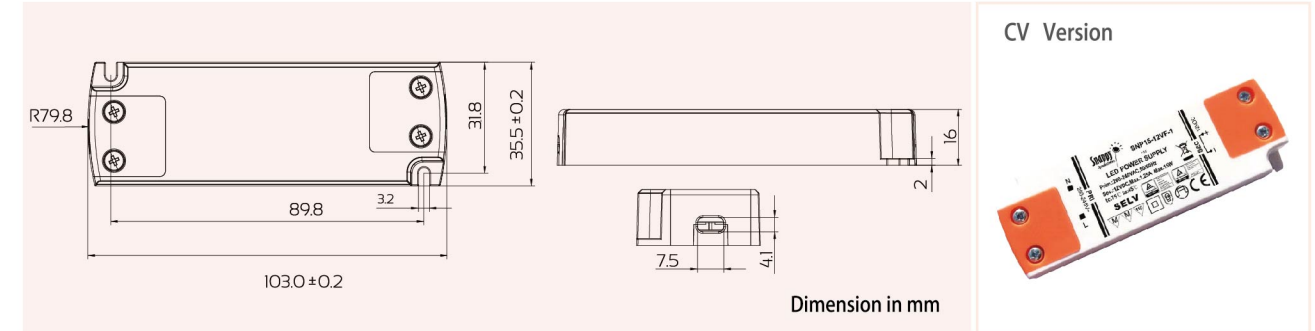
## Reliable Technical Data

- Rated Input Voltage:200-240VAC
- Input Frequency:50Hz
- 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 EN62493-2010
- ERP According to EN1194-2012



# Super Slim LED Power Supply

SNP15-VF-1



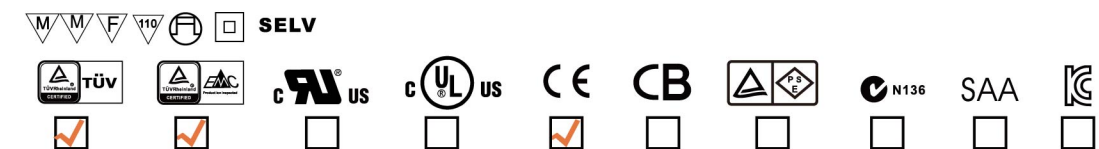
## Characteristics

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

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L×W×H
SNP15-12VF-1	12V	0-15W	1.25A	≥ 0.5	45 °C	80 °C	103X35X16
SNP15-24VF-1	24V	0-15W	0.625A	≥0.5	45 °C	80 °C	103X35X16

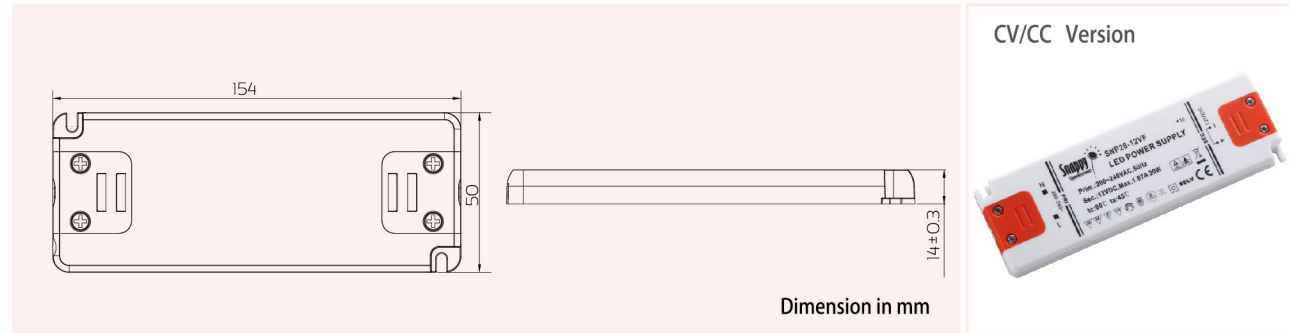
## Reliable Technical Data

- Rated Input Voltage:200-240VAC
- Input Frequency:50Hz
- 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 EN62493-2010
- ERP According to EN1194-2012



## Super Slim LED Power Supply

SNP20-VF/SNP20-IF



### Characteristics

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

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L×W×H
SNP20-12VF	12V	0-20W	1.67A	≥0.5	45℃	80℃	154X50X14
SNP20-24VF	24V	0-20W	0.84A	≥0.5	45℃	80℃	154X50X14

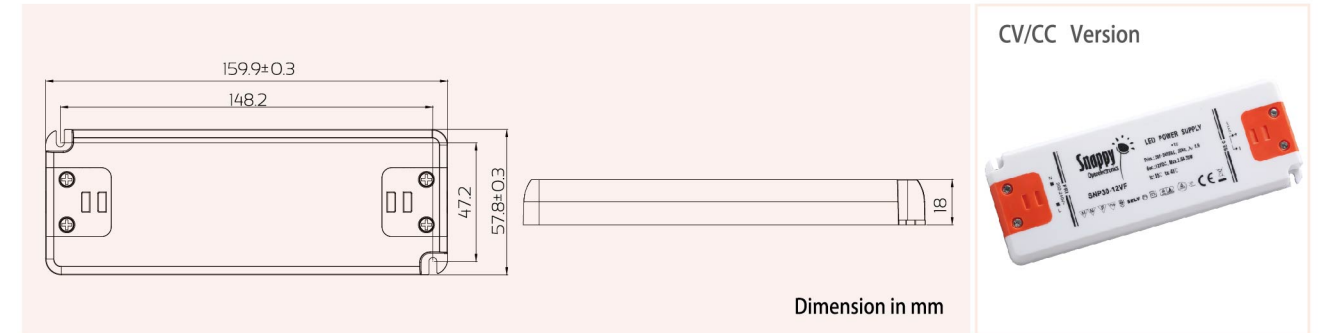
Model No.	Constant output current	Load	Max output voltage	PF	Ta	Tc	L×W×H
SNP20-350IF	350mA	11-20W	56VDC	≥0.5	45℃	80℃	154X50X14
SNP20-500IF	500mA	11-20W	40VDC	≥0.5	45℃	80℃	154X50X14
SNP20-700IF	700mA	10-20W	29VDC	≥0.5	45℃	80℃	154X50X14

### Reliable Technical Data

- Rated Input Voltage:200-240VAC
- Input Frequency:50Hz
- 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 EN62493-2010
- ERP According to EN1194-2012

## Super Slim LED Power Supply

SNP30-VF/SNP30-IF



### Characteristics

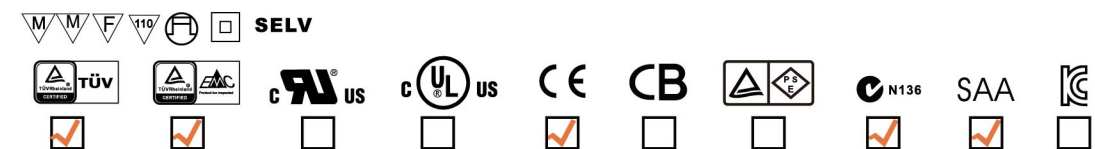
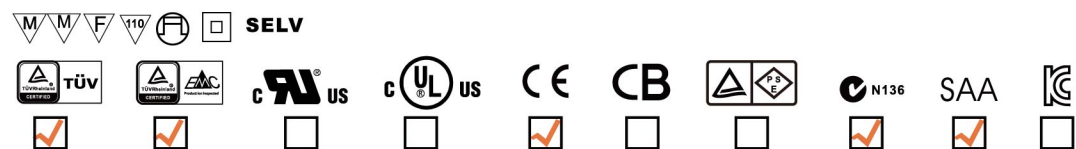
Rated input voltage: AC200-240V 50Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L×W×H
SNP30-12VF	12V	0-30W	2.5A	≥0.9	45℃	85℃	159.9X57.8X18
SNP30-24VF	24V	0-30W	1.25A	≥0.9	45℃	85℃	159.9X57.8X18

Model No.	Constant output current	Load	Max output voltage	PF	Ta	Tc	L×W×H
SNP30-500IF	500mA	15-30W	60VDC	≥0.9	45℃	85℃	159.9X57.8X18
SNP30-700IF	700mA	15-30W	42.8VDC	≥0.9	45℃	85℃	159.9X57.8X18
SNP30-1050IF	1050mA	15-30W	28.6VDC	≥0.9	45℃	85℃	159.9X57.8X18
SNP30-1400IF	1400mA	15-30W	21.6VDC	≥0.9	45℃	85℃	159.9X57.8X18
SNP30-2100IF	2100mA	15-30W	14.5VDC	≥0.9	45℃	85℃	159.9X57.8X18

### Reliable Technical Data

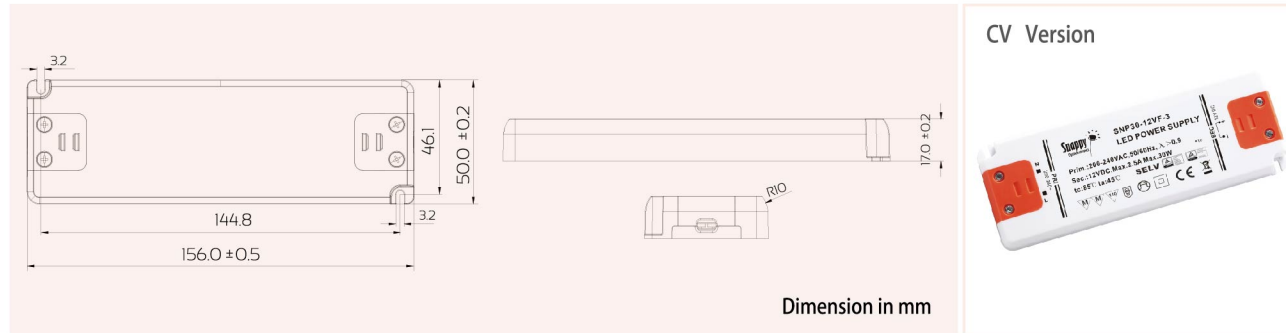
- Rated Input Voltage:200-240VAC
- Input Frequency:50Hz
- Output Power:30W
- Body:PC
- Open Circuit;Short Circuit;Over Load;
- Over Heat Protection
- Safety According to EN61347-1,EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2;EN61000-3-3;EN61547
- EMF According to EN62493-2010
- ERP According to EN1194-2012





## Super Slim LED Power Supply

### SNP30-VF-3



Dimension in mm

#### Characteristics

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

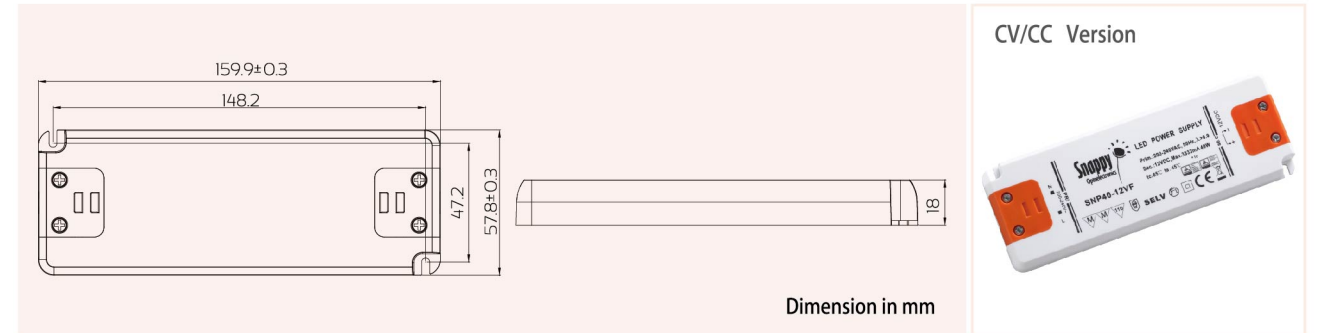
Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L×W×H
SNP30-12VF-3	12V	0-30W	2.5A	≥ 0.9	45 °C	85 °C	156X50X17
SNP30-24VF-3	24V	0-30W	1.25A	≥0.9	45 °C	85 °C	156X50X17

#### Reliable Technical Data

- Rated Input Voltage:200-240VAC
- Input Frequency:50Hz
- 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 EN62493-2010
- ERP According to EN1194-2012

## Super Slim LED Power Supply

### SNP40-VF/SNP40-IF-1



Dimension in mm

#### Characteristics

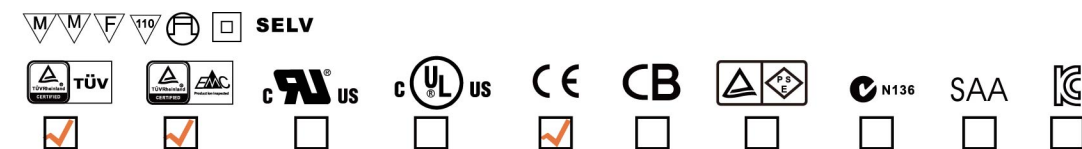
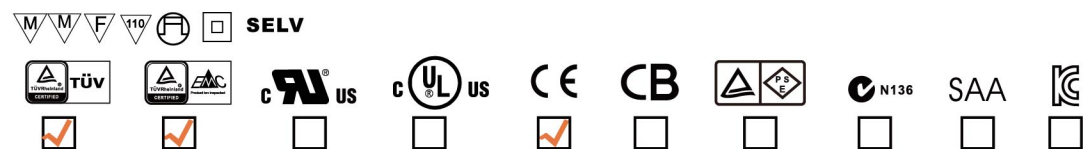
Rated input voltage: AC200-240V 50Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L×W×H
SNP40-12VF	12V	0-40W	3.333A	≥ 0.9	45 °C	85 °C	159.9X57.8X18
SNP40-24VF	24V	0-40W	1.667A	≥0.9	45 °C	80 °C	159.9X57.8X18

Model No.	Constant output current	Load	Max output voltage	PF	Ta	Tc	L×W×H
SNP40-500IF-1	500mA	20-40W	80VDC	≥ 0.9	45 °C	80 °C	159.9X57.8X18
SNP40-700IF-1	700mA	20-40W	57VDC	≥ 0.9	45 °C	80 °C	159.9X57.8X18
SNP40-1050IF-1	1050mA	20-40W	38VDC	≥ 0.9	45 °C	80 °C	159.9X57.8X18
SNP40-1400IF-1	1400mA	20-40W	29VDC	≥ 0.9	45 °C	80 °C	159.9X57.8X18
SNP40-2100IF-1	2100mA	21-40W	19VDC	≥ 0.9	45 °C	80 °C	159.9X57.8X18

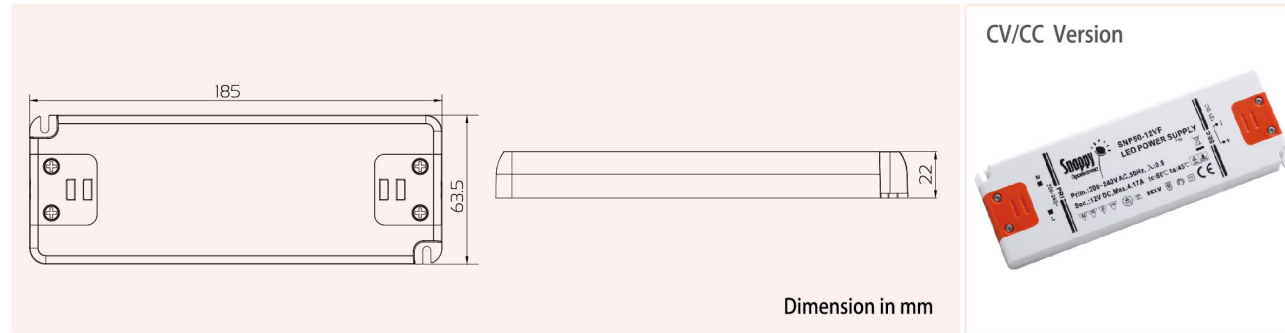
#### Reliable Technical Data

- Rated Input Voltage:200-240VAC
- Input Frequency:50Hz
- 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 EN62493-2010
- ERP According to EN1194-2012



## Super Slim LED Power Supply

SNP50-VF/SNP50-IF-1



### Characteristics

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

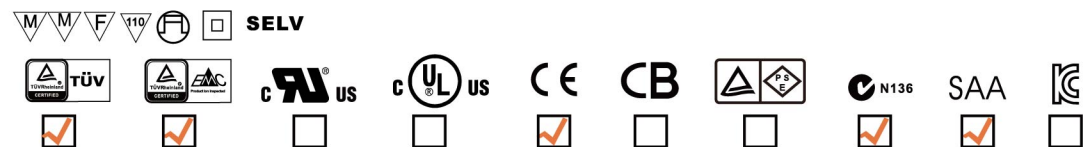
Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L×W×H
SNP50-12VF	12V	0-50W	4.17A	≥ 0.9	45 °C	80 °C	185X63.5X22
SNP50-24VF	24V	0-50W	2.08A	≥ 0.9	45 °C	80 °C	185X63.5X22
SNP50-46VF	46V	0-50W	1.05A	≥ 0.9	45 °C	85 °C	185X63.5X22

Model No.	Constant output current	Load	Range output voltage	PF	Ta	Tc	L×W×H
SNP50-500IF-1	500mA	25-50W	50-100VDC	≥ 0.9	45 °C	80 °C	185X63.5X22
SNP50-700IF-1	700mA	25-50W	36-72VDC	≥ 0.9	45 °C	80 °C	185X63.5X22
SNP50-950IF-1	950mA	25-50W	26-53VDC	≥ 0.9	45 °C	80 °C	185X63.5X22
SNP50-1050IF-1	1050mA	25-50W	24-48VDC	≥ 0.9	45 °C	80 °C	185X63.5X22
SNP50-1400IF-1	1400mA	25-50W	18-36VDC	≥ 0.9	45 °C	80 °C	185X63.5X22
SNP50-2100IF-1	2100mA	25-50W	12-23.8VDC	≥ 0.9	45 °C	80 °C	185X63.5X22

### Reliable Technical Data

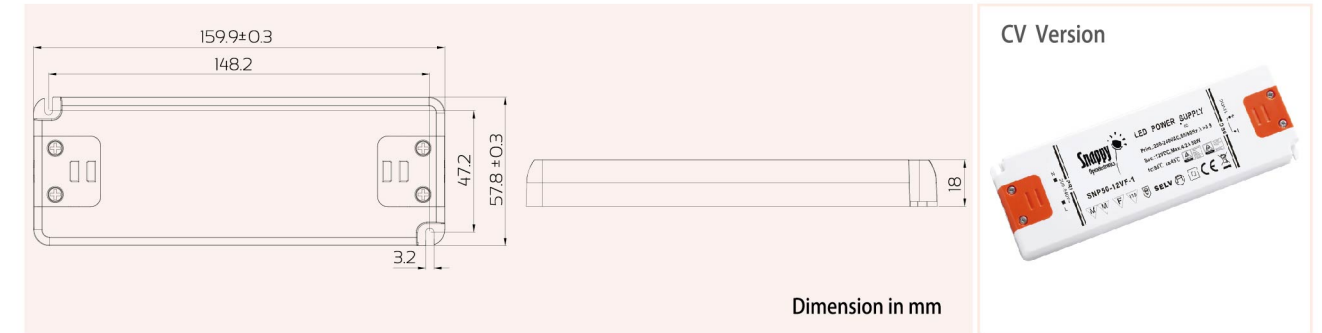
- Rated Input Voltage:200-240VAC
- Input Frequency:50Hz
- Output Power:50W
- Body:PC
- Open Circuit;Short Circuit;Over Load;
- Over Heat Protection

- 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 EN62493-2010
- ERP According to EN1194-2012



## Super Slim LED Power Supply

SNP50-VF-1/SNP50-VF-2



### Characteristics

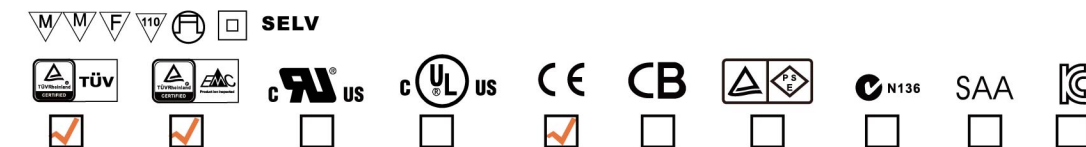
Rated input voltage: AC200-240V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L×W×H
SNP50-12VF-1	12V	0-50W	4.2A	≥ 0.9	45 °C	85 °C	160X58X18
SNP50-24VF-1	24V	0-50W	2.08A	≥ 0.9	45 °C	85 °C	160X58X18
SNP50-12VF-2	12V	0-50W	4.2A	≥ 0.9	45 °C	85 °C	160X58X18
SNP50-24VF-2	24V	0-50W	2.08A	≥ 0.9	45 °C	85 °C	160X58X18

### Reliable Technical Data

- Rated Input Voltage:200-240VAC
- Input Frequency:50/60Hz
- Output Power:50W
- Body:PC
- Open Circuit;Short Circuit;Over Load;
- Over Heat Protection

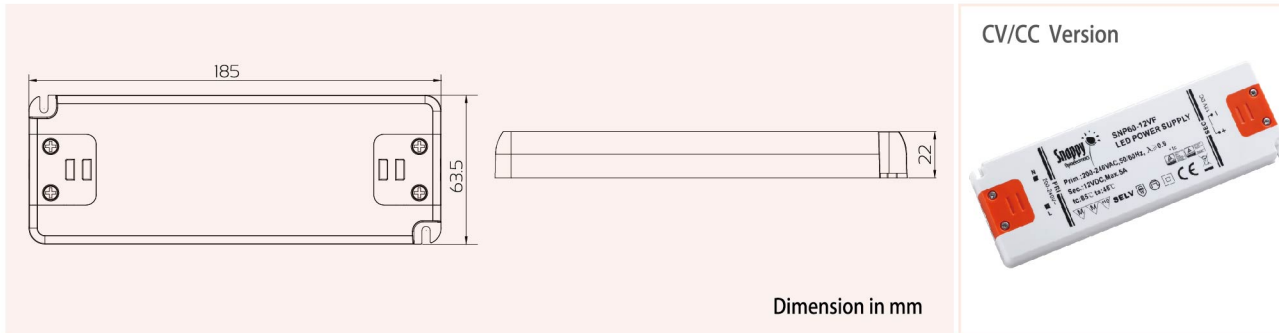
- Safety According to EN61347-1,EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2;EN61000-3-3;EN61547
- EMF According to EN62493-2010
- ERP According to EN1194-2012





## Super Slim LED Power Supply

SNP60-VF/SNP60-IF



### Characteristics

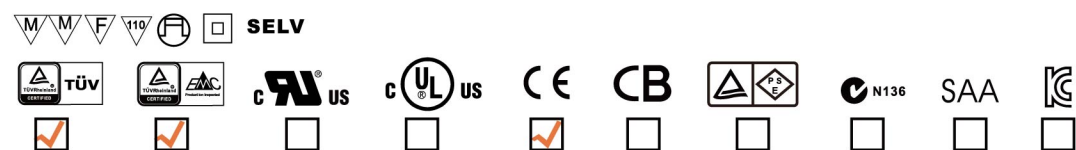
Rated input voltage: AC200-240V 50Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L×W×H
SNP60-12VF	12V	0-60W	5.0A	≥ 0.9	45 °C	85 °C	185X63.5X22
SNP60-24VF	24V	0-60W	2.5A	≥ 0.9	45 °C	85 °C	185X63.5X22

Model No.	Constant output current	Load	Max output voltage	PF	Ta	Tc	L×W×H
SNP60-500IF	500mA	30-60W	120VDC	≥ 0.9	45 °C	85 °C	185X63.5X22
SNP60-700IF	700mA	30-60W	86VDC	≥ 0.9	45 °C	85 °C	185X63.5X22
SNP60-1050IF	1050mA	30-60W	57VDC	≥ 0.9	45 °C	85 °C	185X63.5X22
SNP60-1400IF	1400mA	30-60W	42.5VDC	≥ 0.9	45 °C	85 °C	185X63.5X22
SNP60-2100IF	2100mA	30-60W	28.5VDC	≥ 0.9	45 °C	85 °C	185X63.5X22

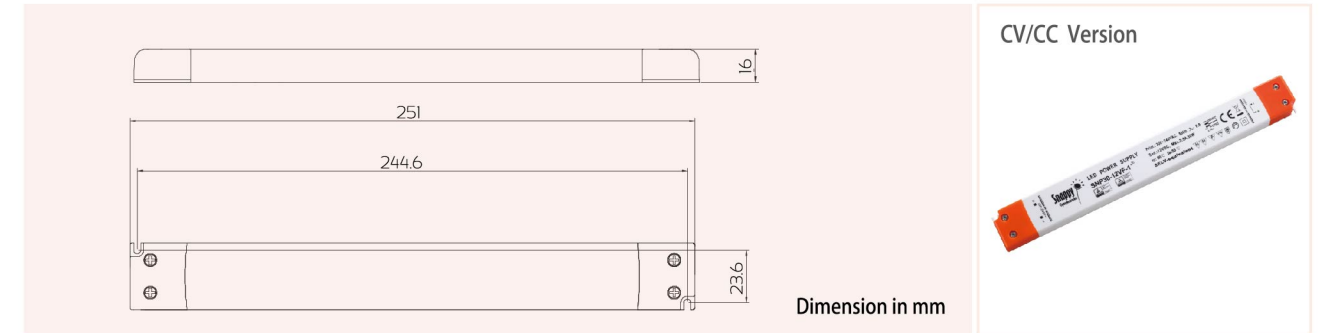
### Reliable Technical Data

- Rated Input Voltage:200-240VAC
- 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 EN62493-2010
- ERP According to EN1194-2012



## Linetype LED Power Supply

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



### Characteristics

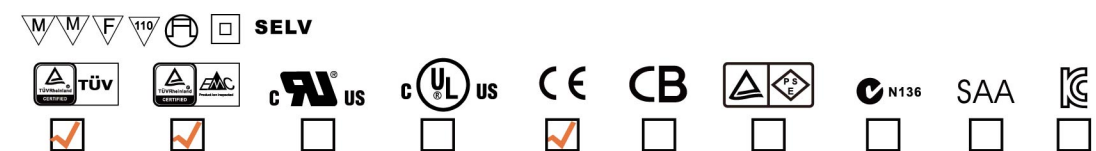
Rated input voltage: AC200-240V 50Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L×W×H
SNP30-12VF-1	12V	0-30W	2.5A	≥ 0.9	50 °C	80 °C	251X30X16
SNP30-24VF-1	24V	0-30W	1.25A	≥ 0.9	50 °C	80 °C	251X30X16
SNP30-12VF-2	12V	0-30W	4.2A	≥ 0.9	45 °C	80 °C	251X30X16
SNP30-24VF-2	24V	0-30W	2.08A	≥ 0.9	45 °C	80 °C	251X30X16

Model No.	Constant output current	Load	Range output voltage	PF	Ta	Tc	L×W×H
SNP30-350IF-1	350mA	15-30W	43-86VDC	≥ 0.9	50 °C	80 °C	251X30X16
SNP30-500IF-1	500mA	15-30W	30-60VDC	≥ 0.9	50 °C	80 °C	251X30X16
SNP30-700IF-1	700mA	15-30W	21-43VDC	≥ 0.9	50 °C	80 °C	251X30X16
SNP30-1050IF-1	1050mA	15-30W	14-29VDC	≥ 0.9	50 °C	80 °C	251X30X16
SNP30-1400IF-1	1400mA	15-30W	11-22VDC	≥ 0.9	50 °C	80 °C	251X30X16

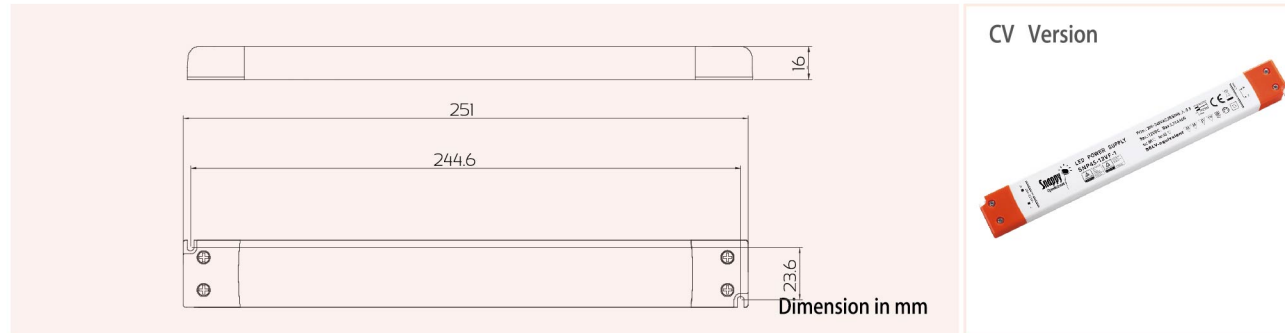
### Reliable Technical Data

- Rated Input Voltage:200-240VAC
- Input Frequency:50Hz
- 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 EN62493-2010
- ERP According to EN1194-2012



## Linetype LED Power Supply

### SNP45-VF-1



#### Characteristics

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

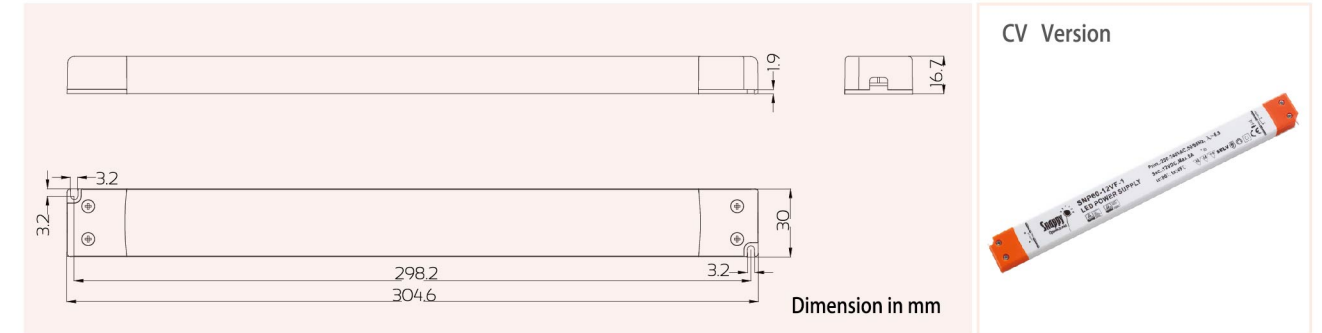
Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L×W×H
SNP45-12VF-1	12V	0-45W	3.75A	≥ 0.9	45 °C	80 °C	251X30X16
SNP45-24VF-1	24V	0-45W	1.88A	≥0.9	45 °C	80 °C	251X30X16

#### Reliable Technical Data

- Rated Input Voltage:200-240VAC
- 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 EN62493-2010
- ERP According to EN1194-2012

## Linetype LED Power Supply

### SNP60-VF-1



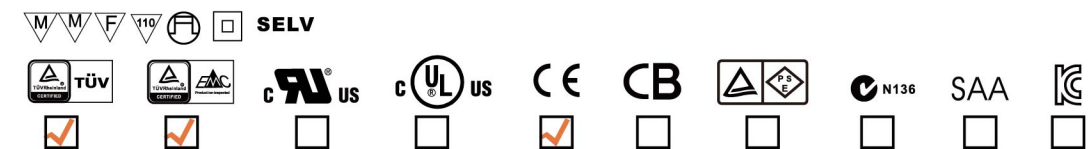
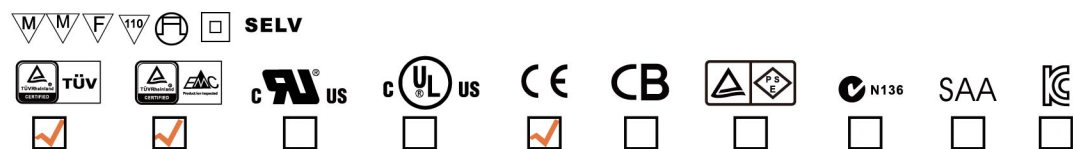
#### Characteristics

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

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L×W×H
SNP60-12VF-1	12V	0-60W	5.0A	≥ 0.9	45 °C	80 °C	304.6X30X16.7
SNP60-24VF-1	24V	0-60W	2.5A	≥0.9	45 °C	80 °C	304.6X30X16.7

#### Reliable Technical Data

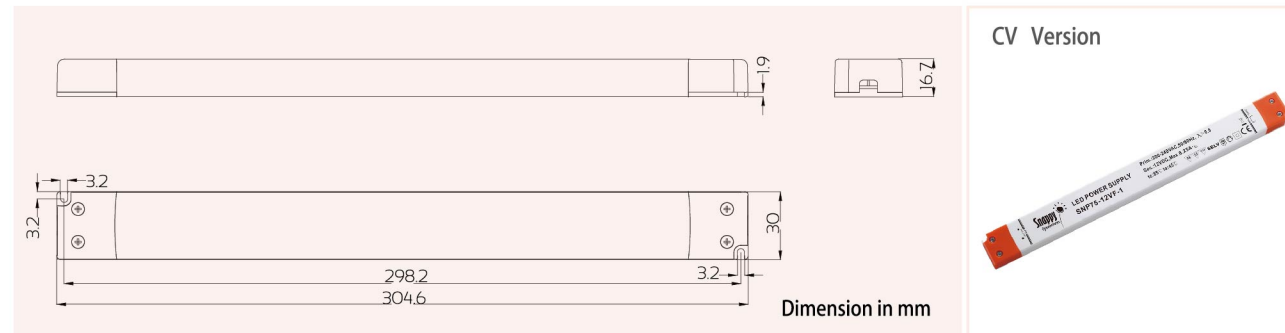
- Rated Input Voltage:200-240VAC
- Input Frequency:50/60Hz
- Output Power:60W
- Body:PC
- Open Circuit;Short Circuit;Over Load;
- Over Heat Protection
- Safety According to EN61347-1,EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2;EN61000-3-3;EN61547
- EMF According to EN62493-2010
- ERP According to EN1194-2012





## Linetype LED Power Supply

### SNP75-VF-1



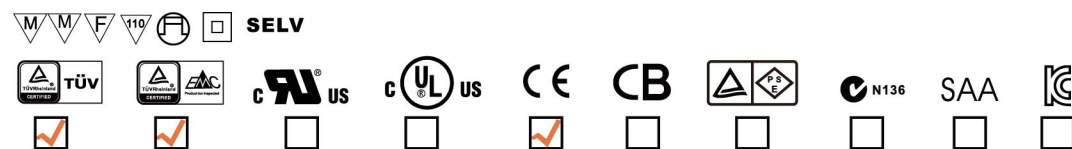
#### Characteristics

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

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L×W×H
SNP75-12VF-1	12V	0-75W	6.25A	≥ 0.9	45 °C	85 °C	304.6X30X16.7
SNP75-24VF-1	24V	0-75W	3.125A	≥ 0.9	45 °C	85 °C	304.6X30X16.7

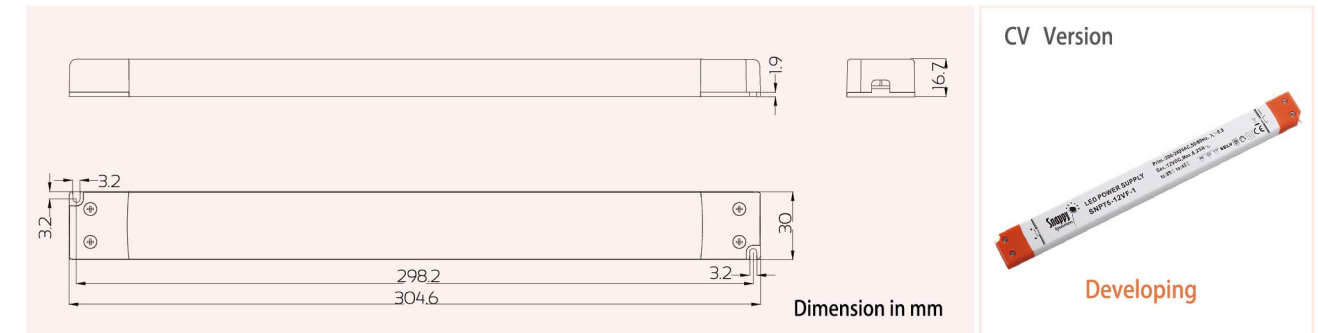
#### Reliable Technical Data

- Rated Input Voltage:200-240VAC
- 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 EN62493-2010
- ERP According to EN1194-2012



## Linetype LED Power Supply

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



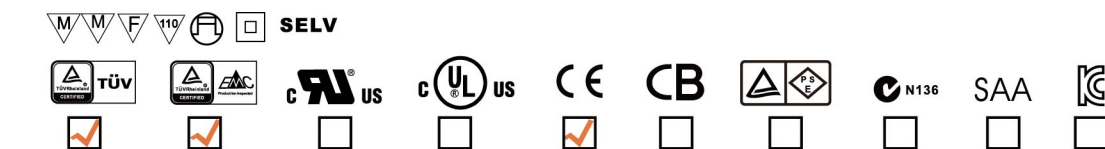
#### Characteristics

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

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L×W×H
SNP100-12VF-1	12V	0-100W	8.33A Max	≥ 0.9	45 °C	85 °C	320X27X18
SNP100-24VF-1	24V	0-100W	4.17A	≥ 0.9	45 °C	85 °C	320X27X18
SNP100-12VF-1S	12V	0-100W	8.33A	≥ 0.9	45 °C	85 °C	320X27X18
SNP100-24VF-1S	24V	0-100W	4.17A	≥ 0.9	45 °C	85 °C	320X27X18

#### Reliable Technical Data

- Rated Input Voltage:200-240VAC
- 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 EN62493-2010
- ERP According to EN1194-2012





## UL /UE LED Power Supply

UL Series Input Voltage 100-120VAC

Open Circuit ; Short Circuit ; Over Load

Over Heat Protection

### UL Series LED Power Supply



SNP12-12VF(UL)  
SNP12-12VF(UL)  
page 71



SNP15-VL(UL)  
SNP15-IL(UL)  
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SNP30-VF(UL)  
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### UE Series LED Power Supply



SNP6-VF(UE)  
SNP6-IF(UE)/SNP6-IF(UE)-1  
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SS12-IL(UE)  
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SS21-IL(UE)  
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SS30-IL(UE)  
page 77



SNP50-VF(UE)  
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SNP75-VL(UE)  
SNP75-IL(UE)  
page 79



SNP100-VL(UE)  
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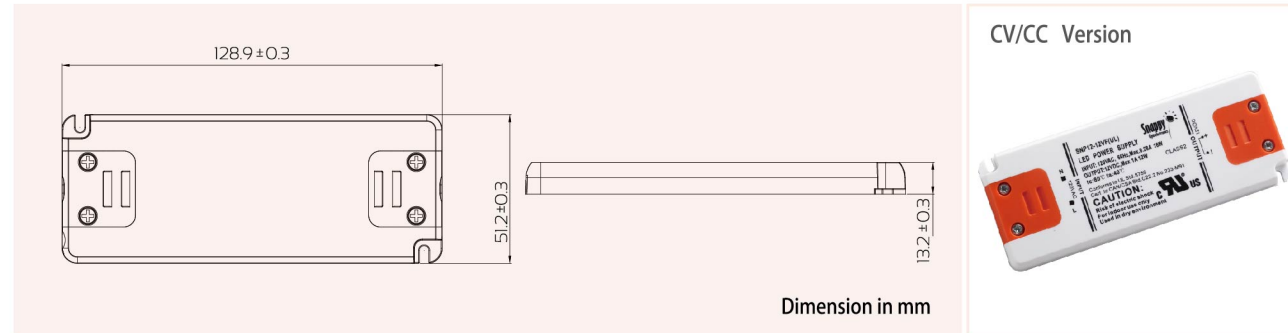


SSL Series LED Power Supply  
page 81



# UL LED Power Supply

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



### Characteristics

Rated input voltage: AC100-120V 60Hz (power factor measured at AC120V and full load)

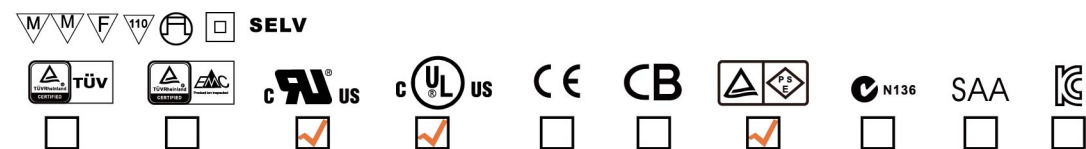
Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L×W×H
SNP12-12VF(UL)	12V	0-12W	1.0A	≥ 0.5	40℃	80℃	128.9X51.2X13.2
SNP12-24VF(UL)	24V	0-12W	0.5A	≥ 0.5	40℃	80℃	128.9X51.2X13.2

Model No.	Constant output current	Load	Max output voltage	PF	Ta	Tc	L×W×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

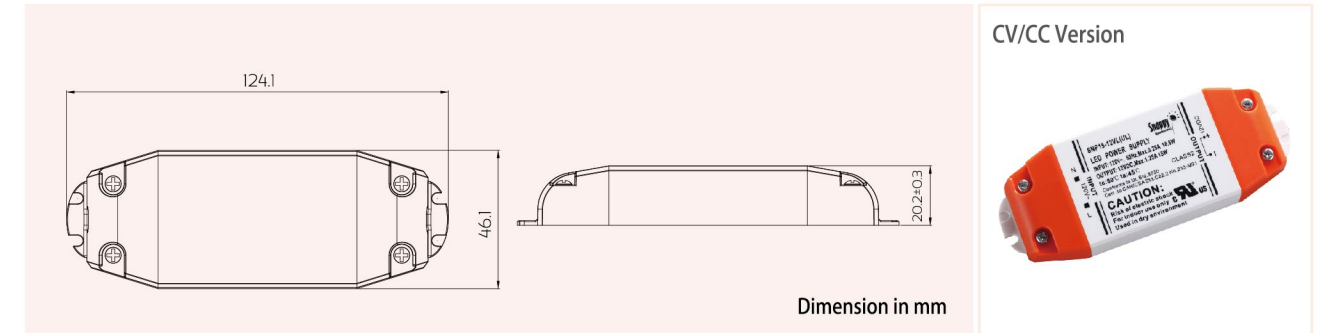
### Reliable Technical Data

- Rated Input Voltage:100-120VAC
- Input Frequency:60Hz
- Output Power:12W
- Body:PC
- Open Circuit;Short Circuit;Over Load;
- Over Heat Protection
- Conforms to UL Std.1310 8750 Class 2
- Cert.to CAN/CSA Std. C22.2 No.233-M91



# UL LED Power Supply

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



### Characteristics

Rated input voltage: AC100-120V 60Hz (power factor measured at AC120V and full load)

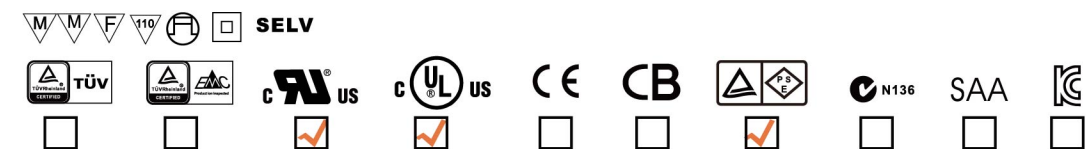
Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L×W×H
SNP15-12VL(UL)	12V	0-15W	1.25A	≥ 0.6	45℃	80℃	124.1X46.1X20.2
SNP15-24VL(UL)	24V	0-15W	0.625A	≥ 0.6	45℃	80℃	124.1X46.1X20.2

Model No.	Constant output current	Load	Max output voltage	PF	Ta	Tc	L×W×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)-I	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

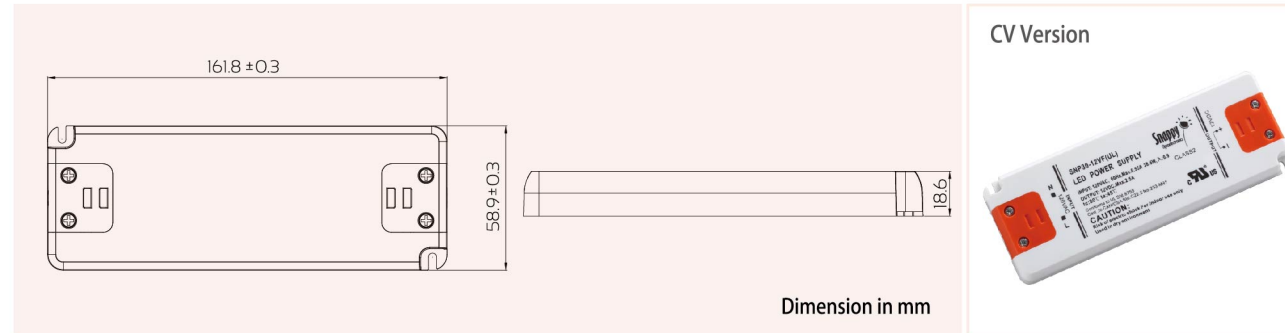
### Reliable Technical Data

- Rated Input Voltage:100-120VAC
- Input Frequency:60Hz
- Output Power:15W
- Body:PC
- Open Circuit;Short Circuit;Over Load;
- Over Heat Protection
- Conforms to UL Std.1310 8750 Class 2
- Cert.to CAN/CSA Std. C22.2 No.233-M91



## UL LED Power Supply

### SNP30-VF(UL)



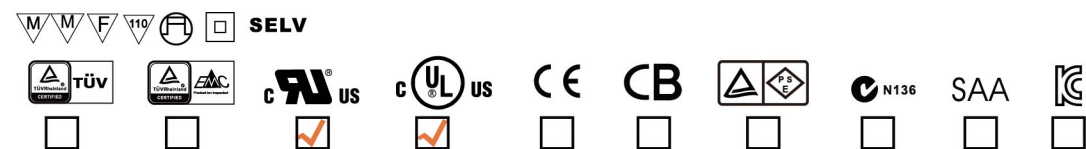
#### Characteristics

Rated input voltage: AC120V 60Hz (power factor measured at AC120V and full load)

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L×W×H
SNP30-12VF(UL)	12V	0-30W	2.5A	≥0.9	45℃	80℃	161.8X58.9X18.6
SNP30-24VF(UL)	24V	0-30W	1.25A	≥0.9	45℃	80℃	161.8X58.9X18.6

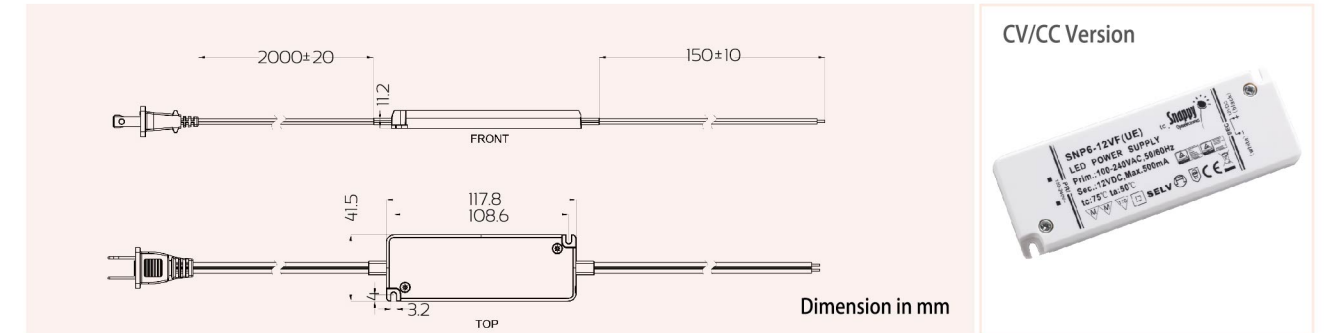
#### Reliable Technical Data

- Rated Input Voltage:120VAC
- Input Frequency:60Hz
- Output Power:30W
- Body:PC
- Open Circuit;Short Circuit;Over Load;
- Over Heat Protection
- Conforms to UL Std.1310 8750 Class 2
- Cert.to CAN/CSA Std. C22.2 No.233-M91



## UE LED Power Supply

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



#### Characteristics

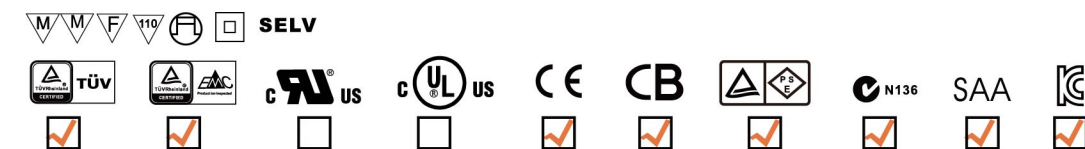
Rated input voltage: AC100-240V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L×W×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	Max output voltage	PF	Ta	Tc	L×W×H
SNP6-350IF(UE)	350mA	0.5-6W	17.2VDC	≥0.45	50℃	75℃	117.8X41.5X11.2
SNP6-500IF(UE)	500mA	0.5-6W	12VDC	≥0.45	50℃	75℃	117.8X41.5X11.2
SNP6-700IF(UE)	700mA	0.5-6W	8.57VDC	≥0.45	50℃	75℃	117.8X41.5X11.2
SNP6-350IF(UE)-1	350mA	2.5-6W	17.2VDC	≥0.45	50℃	75℃	117.8X41.5X11.2
SNP6-500IF(UE)-1	500mA	2.5-6W	12VDC	≥0.45	50℃	75℃	117.8X41.5X11.2
SNP6-700IF(UE)-1	700mA	2.5-6W	8.57VDC	≥0.45	50℃	75℃	117.8X41.5X11.2

#### Reliable Technical Data

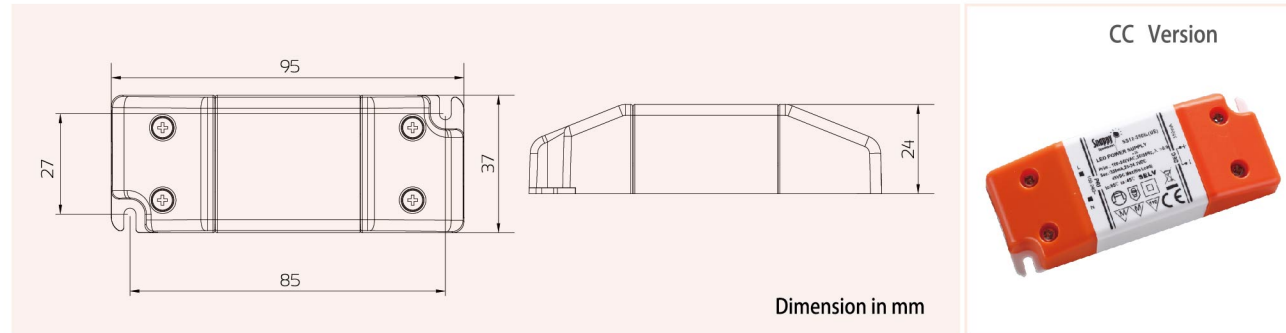
- Rated Input Voltage:100-240VAC
- Input Frequency:50/60Hz
- Output Power:6W
- Body:PC
- Open Circuit;Short Circuit;Over Load;
- Over Heat Protection
- Safety According to EN61347-1,EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2;EN61000-3-3;EN61547
- EMF According to EN62493-2010
- ERP According to EN1194-2012
- Conforms to UL Std. 1310 8750
- Cert.to CAN/CSA Std. C22.2 No.233-M91





## UE LED Power Supply

### SS12-IL(UE)



#### Characteristics

Rated input voltage: AC100-240V 50/60Hz (power factor measured at AC230V and full load)

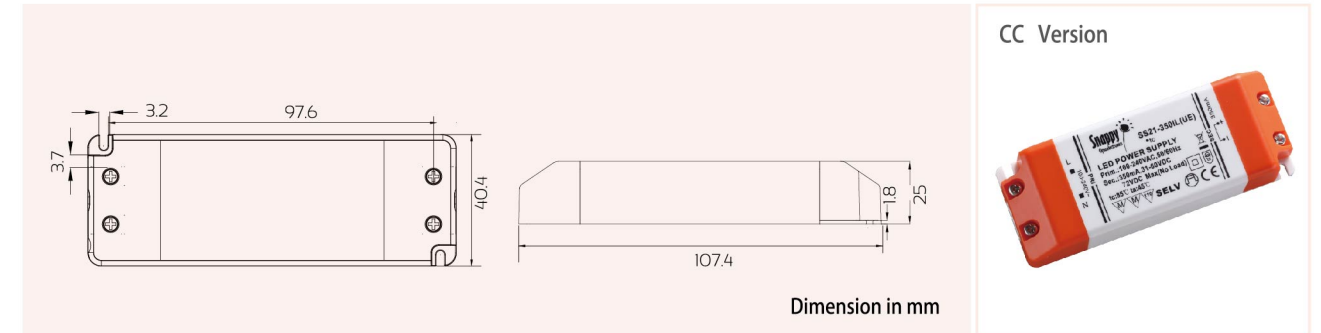
Model No.	Constant output current	Load	Range output voltage	PF	Ta	Tc	L×W×H
SS12-350IL(UE)	350mA	8-12W	23-34.3VDC	≥0.9	45℃	85℃	95X37X24
SS12-500IL(UE)	500mA	8-12W	16-24VDC	≥0.9	45℃	85℃	95X37X24
SS12-700IL(UE)	700mA	8-12W	11.5-14VDC	≥0.9	45℃	85℃	95X37X24

#### Reliable Technical Data

- Rated Input Voltage:100-240VAC
- 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 EN62493-2010
- ERP According to EN1194-2012
- Conforms to UL Std. 1310 8750
- Cert.to CAN/CSA Std. C22.2 No.233-M91

## UE LED Power Supply

### SS21-IL(UE)



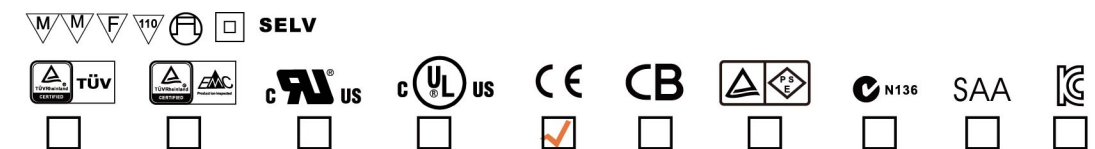
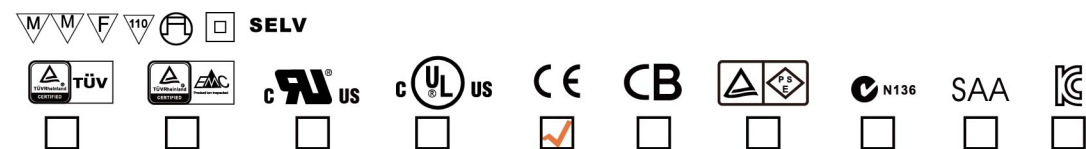
#### Characteristics

Rated input voltage: AC100-240V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output current	Load	Range output voltage	PF	Ta	Tc	L×W×H
SS21-350IL(UE)	350mA	12-21W	31-60VDC	≥0.9	45℃	85℃	107.4X40.4X25
SS21-500IL(UE)	500mA	12-21W	24-42VDC	≥0.9	45℃	85℃	107.4X40.4X25
SS21-700IL(UE)	700mA	12-21W	17-30VDC	≥0.9	45℃	85℃	107.4X40.4X25

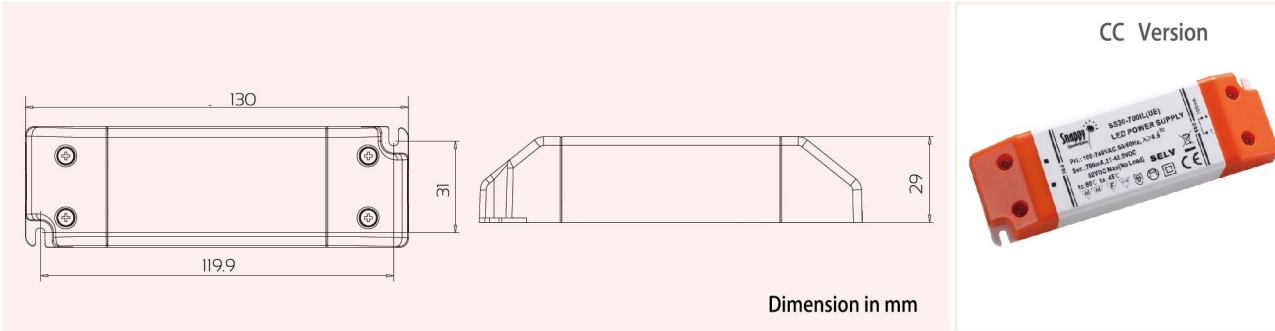
#### Reliable Technical Data

- Rated Input Voltage:100-240VAC
- Input Frequency:50/60Hz
- Output Power:21W
- 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 EN62493-2010
- ERP According to EN1194-2012
- Conforms to UL Std. 1310 8750
- Cert.to CAN/CSA Std. C22.2 No.233-M91



## UE LED Power Supply

### SS30-IL(UE)



Dimension in mm

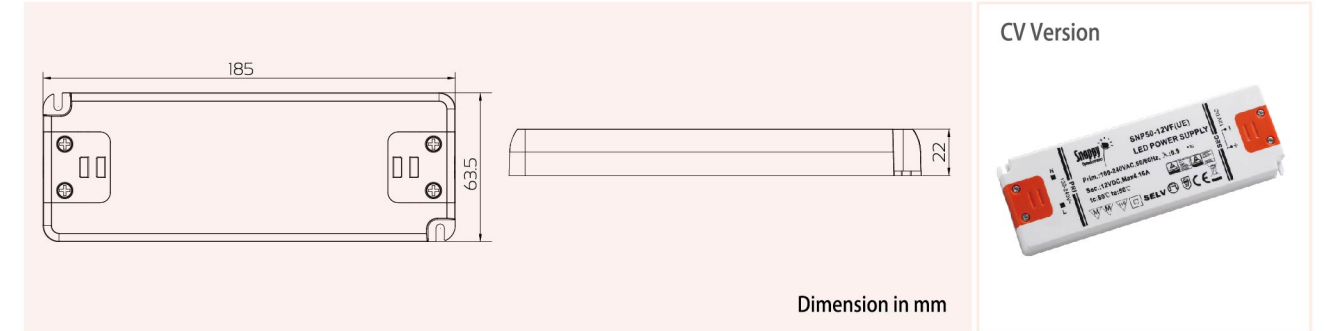
#### Characteristics

Rated input voltage: AC100-240V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output current	Load	Range output voltage	PF	Ta	Tc	L×W×H
SS30-700IL(UE)	700mA	15-30W	21-42.5VDC	≥0.9	45℃	80℃	130X41X29
SS30-950IL(UE)	950mA	15-30W	16-31.5VDC	≥0.9	45℃	80℃	130X41X29
SS30-1050IL(UE)	1050mA	15-30W	14-28.5VDC	≥0.9	45℃	80℃	130X41X29
SS30-1400IL(UE)	1400mA	15-30W	10.5-21VDC	≥0.9	45℃	80℃	130X41X29

## UE LED Power Supply

### SNP50-VF(UE)



Dimension in mm

#### Characteristics

Rated input voltage: AC100-240V 50/60Hz (power factor measured at AC230V and full load)

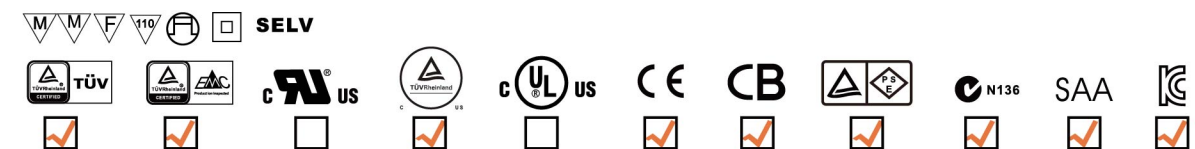
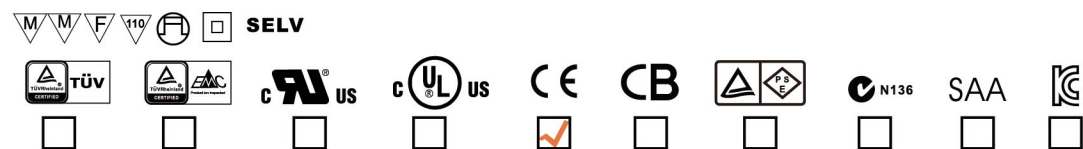
Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L×W×H
SNP50-12VF(UE)	12V	0-50W	4.17A	≥0.9	50℃	80℃	185X63.5X22
SNP50-24VF(UE)	24V	0-50W	2.08A	≥0.9	50℃	80℃	185X63.5X22

#### Reliable Technical Data

- Rated Input Voltage:100-240VAC
- 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 EN62493-2010
- ERP According to EN1194-2012
- Conforms to UL Std. 1310 8750
- Cert.to CAN/CSA Std. C22.2 No.233-M91

#### Reliable Technical Data

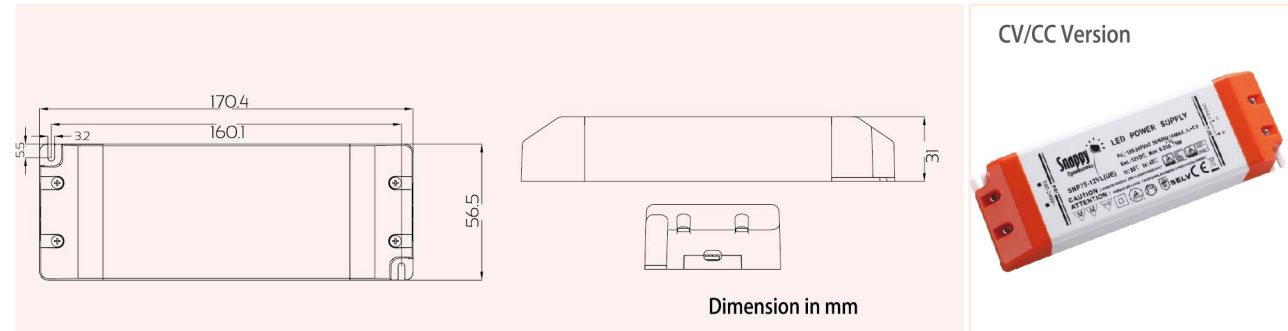
- Rated Input Voltage:100-240VAC
- Input Frequency:50/60Hz
- Output Power:50W
- Body:PC
- Open Circuit;Short Circuit;Over Load;
- Over Heat Protection
- Safety According to EN61347-1,EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2;EN61000-3-3;EN61547
- EMF According to EN62493-2010
- ERP According to EN1194-2012
- Conforms to UL Std. 1310 8750
- Cert.to CAN/CSA Std. C22.2 No.233-M91





## UE LED Power Supply

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



#### Characteristics

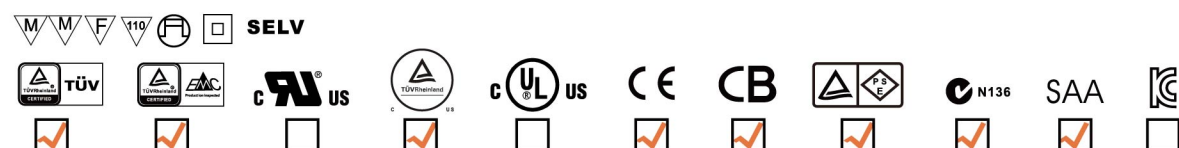
Rated input voltage: AC100-240V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L×W×H
SNP75-12VL(UE)	12V	0-75W	6.25A	≥ 0.9	45 °C	80 °C	170.4X56.5X31
SNP75-24VL(UE)	24V	0-75W	3.12A	≥0.9	45 °C	80 °C	170.4X56.5X31

Model No.	Constant output current	Load	Max output voltage	PF	Ta	Tc	L×W×H
SNP75-700IL(UE)	700mA	37.5-75W	53.5-107VDC	≥0.9	45 °C	80 °C	170.4X56.5X31
SNP75-950IL(UE)	950mA	37.5-75W	39.5-79VDC	≥0.9	45 °C	80 °C	170.4X56.5X31
SNP75-1050IL(UE)	1050mA	37.5-75W	36-72VDC	≥0.9	45 °C	80 °C	170.4X56.5X31
SNP75-1400IL(UE)	1400mA	37.5-75W	27-54VDC	≥0.9	45 °C	80 °C	170.4X56.5X31
SNP75-2100IL(UE)	2100mA	37.5-75W	18-36VDC	≥0.9	45 °C	80 °C	170.4X56.5X31

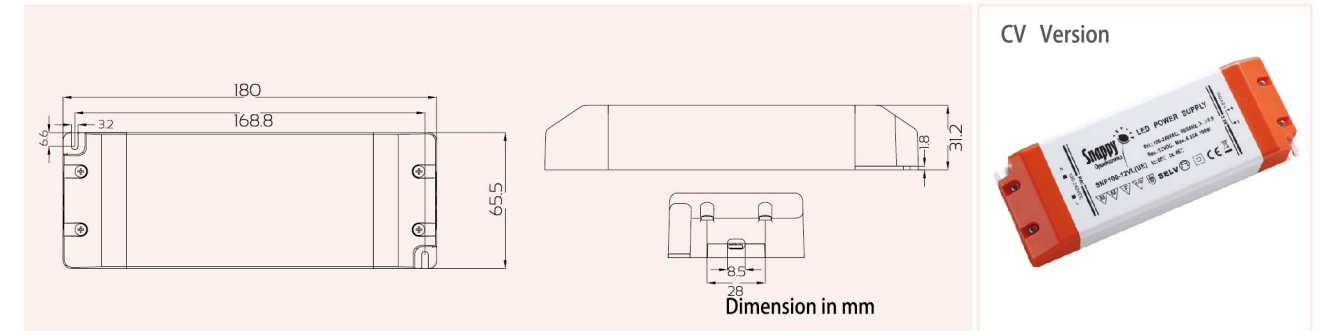
#### Reliable Technical Data

- Rated Input Voltage:100-240VAC
- 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 EN62493-2010
- ERP According to EN1194-2012
- Conforms to UL Std. 1310 8750
- Cert.to CAN/CSA Std. C22.2 No.233-M91



## UE LED Power Supply

### SNP100-VL(UE)



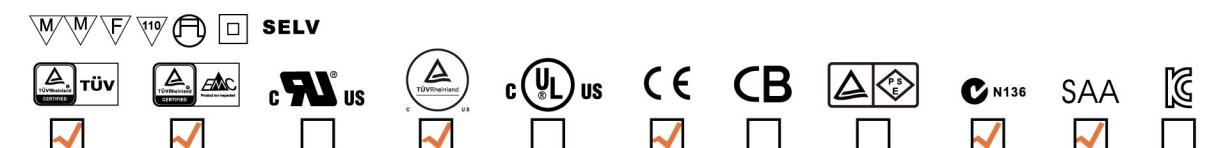
#### Characteristics

Rated input voltage: AC100-240V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L×W×H
SNP100-12VL(UE)	12V	0-100W	8.33A	≥ 0.9	45 °C	80 °C	180X65.5X31.2
SNP100-24VL(UE)	24V	0-100W	4.16A	≥0.9	45 °C	80 °C	180X65.5X31.2
SNP100-36VL(UE)	36V	0-100W	2.77A	≥0.9	45 °C	80 °C	180X65.5X31.2
SNP100-12VL(UE)-I	12V	0-100W	8.33A	≥ 0.9	45 °C	80 °C	180X65.5X31.2
SNP100-24VL(UE)-I	24V	0-100W	4.16A	≥0.9	45 °C	80 °C	180X65.5X31.2

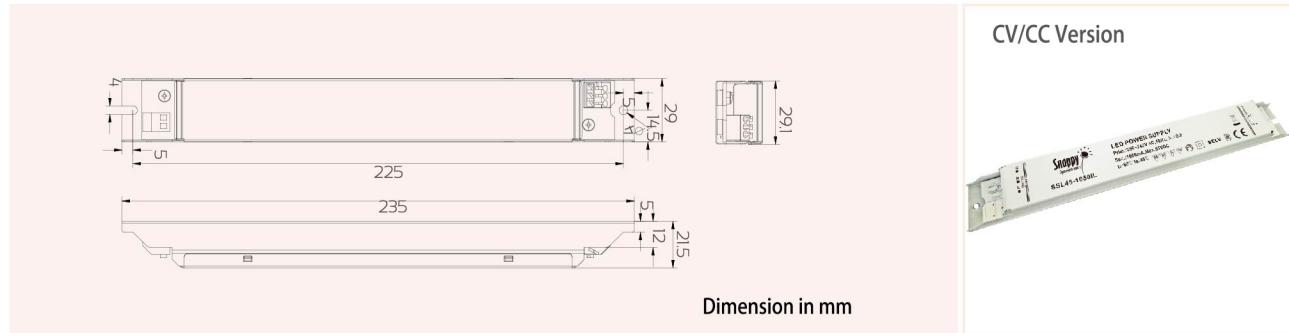
#### Reliable Technical Data

- Rated Input Voltage:100-240VAC
- 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 EN62493-2010
- ERP According to EN1194-2012
- Conforms to UL Std. 1310 8750(only cv for class 2)
- Cert.to CAN/CSA Std. C22.2 No.233-M91



# UE LED Power Supply

SSL30-IL/SSL45-IL/SSL60-IL



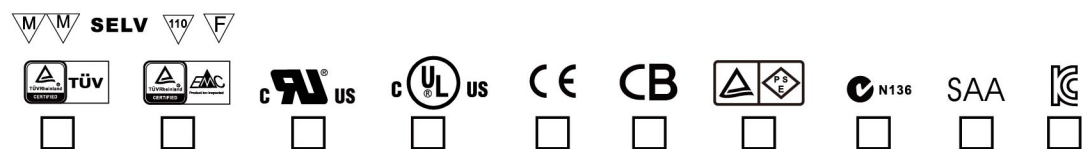
## Characteristics

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

Model No.	Constant output Current	Load	Range output voltage	PF	Ta	Tc
SSL30-350IL	350mA	15~30W	13-86VDC	>0.9	50°C	80°C
SSL30-500IL	500mA	15~30W	30-60VDC	>0.9	50°C	80°C
SSL30-700IL	700mA	15~30W	21-43VDC	>0.9	50°C	80°C
Model No.	Constant output Current	Load	Range output voltage	PF	Ta	Tc
SSL45-700IL	700mA	22.4~45W	32-64VDC	>0.9	50°C	80°C
SSL45-1050IL	1050mA	22.4~45W	21-43VDC	>0.9	50°C	80°C
SSL45-1400IL	1400mA	22.4~45W	16-32VDC	>0.9	50°C	80°C
Model No.	Constant output Current	Load	Range output voltage	PF	Ta	Tc
SSL60-700IL	700mA	30~60W	43-86VDC	>0.9	50°C	80°C
SSL60-1050IL	1050mA	29.4~60W	28-57VDC	>0.9	50°C	80°C
SSL60-1400IL	1400mA	29.4~60W	21-43VDC	>0.9	50°C	80°C

## Reliable Technical Data

- Rated Input Voltage:200-240VAC
- Input Frequency:50Hz
- Body: Metal
- Protections: Short Circuit; Over Load;
- Over voltage; over temperature
- 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 EN62493-2010
- CE ROHS; TUV; C-TICK



# 2016 NEW PRODUCTS

● SPV Series



SPV100-A/B  
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SPV250-A/B  
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SPH600-A/B  
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● SPH Series



SPV150-A/B  
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SPV320-A/B  
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SNP150-VF-1  
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● SNP Series



SPV200-A/B  
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SPH450-A/B  
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SNP200-VL  
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# SPV LED Power Supply

## Reliable Technical Data

- Universal AC input/full range(up to 305VAC)
- 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% aging with full load
- Suitable for led lighting and moving sign applications

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

- 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°C/70%RH
- EMC emission to EN55015,Fcc par15 C1ssB
- EMC immunity to EN61000-4-2, 3, 4, 5, 6, 8, 11; EN55024; EN61547
- Harmonic current to EN61000-3-2 CLASS C (100% load)
- Compliance to DOE VI energy consumption requirements of America

Developing



SPV100-A/B

IP67



SPV150-A/B

IP67

## Characteristics

Rated input voltage: AC90-305V 50HZ (power factor measured at AC230V and full load)

Model No.	DC voltage	Load	PF	Ta	Tc	Efficiency
SPV100-12A/B	12V	0-100W	≥0.9	Pending	Pending	91.0%
SPV100-24A/B	24V	0-100W	≥0.9	Pending	Pending	91.0%
SPV150-12A/B	12V	0-150W	≥0.9	Pending	Pending	93.5%
SPV150-24A/B	24V	0-150W	≥0.9	Pending	Pending	93.5%

# SPV LED Power Supply

## Reliable Technical Data

- Universal AC input/full range(up to 305VAC)
- 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% aging with full load
- Suitable for led lighting and moving sign applications

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

- 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°C/70%RH
- EMC emission to EN55015,Fcc par15 C1ssB
- EMC immunity to EN61000-4-2, 3, 4, 5, 6, 8, 11; EN55024; EN61547
- Harmonic current to EN61000-3-2 CLASS C (100% load)
- Compliance to DOE VI energy consumption requirements of America

Developing



SPV200-A/B

IP67



SPV250-A/B

IP67



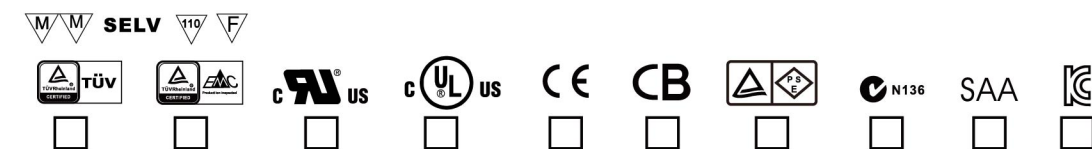
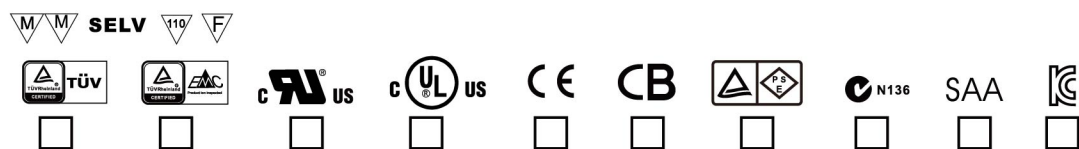
SPV320-A/B

IP67

## Characteristics

Rated input voltage: AC90-305V 50HZ (power factor measured at AC230V and full load)

Model No.	DC voltage	Load	PF	Ta	Tc	Efficiency
SPV200-12A/B	12V	0-180W	≥0.9	Pending	Pending	94.0%
SPV200-24A/B	24V	0-200W	≥0.9	Pending	Pending	94.0%
SPV250-12A/B	12V	0-216W	≥0.9	Pending	Pending	94.0%
SPV250-24A/B	24V	0-250W	≥0.9	Pending	Pending	94.0%
SPV320-12A/B	12V	0-264W	≥0.9	Pending	Pending	94.0%
SPV320-24A/B	24V	0-320W	≥0.9	Pending	Pending	94.0%



# SPH LED Power Supply

## Reliable Technical Data

- Universal AC input/full range(up to 305VAC)
- 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% aging with full load
- Suitable for led lighting and moving sign applications
- Three in one dimming function(0-10Vdc, PWM signal or resistance)
- A series: Output current and voltage is adjustable
- B series: Three in one dimming function (1-10Vdc, PWM signal or resistance)
- D series: Timer dimming function
- Compliance to worldwide safety regulation for led lightings
- 5 years warranty

Developing



- 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°C/70%RH
- EMC emission to EN55015,FCC Part 15 Class B
- EMC immunity to EN61000-4-2, 3, 4, 5, 6, 8, 11; EN55024; EN61547
- Harmonic current to EN61000-3-2 CLASS C (100% load)

# SPH LED Power Supply

## Reliable Technical Data

- Universal AC input/full range(up to 305VAC)
- 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% aging with full load
- Suitable for led lighting and moving sign applications
- Three in one dimming function(0-10Vdc, PWM signal or resistance)
- A series: Output current and voltage is adjustable
- B series: Three in one dimming function (1-10Vdc, PWM signal or resistance)
- D series: Timer dimming function
- Compliance to worldwide safety regulation for led lightings
- 5 years warranty

Developing



- 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°C/70%RH
- EMC emission to EN55015,FCC Part 15 Class B
- EMC immunity to EN61000-4-2, 3, 4, 5, 6, 8, 11; EN55024; EN61547
- Harmonic current to EN61000-3-2 CLASS C (100% load)

## Characteristics

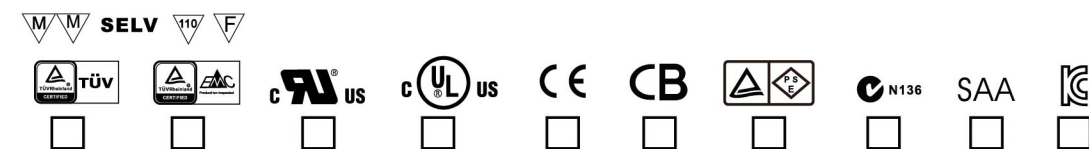
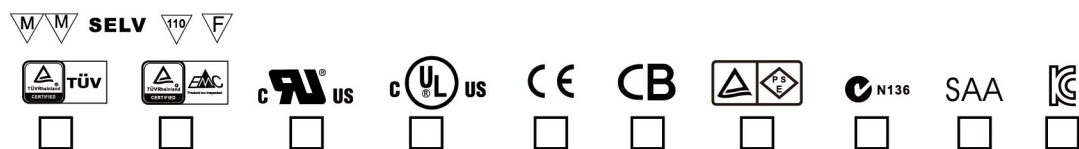
Rated input voltage: AC90-305V 50Hz (PF>0.95 measured at AC230V and full load) Ta -40~70 °C, Tc 95 °C

Model No.	DC voltage	Voltage ADJ.range	Rated current	Max output power	Current ADJ.range	Efficiency
SPH450-12A/B	12V	10.2-12.6V DC	30A	360W max	15-30A	92%
SPH450-15A/B	15V	12.7-15.8V DC	27A	405W max	14-27A	93%
SPH450-24A/B	24V	20.4-25.2V DC	18.8A	450W max	8.15-18.8A	95%
SPH450-36A/B	36V	30.6-37.8V DC	12.5A	450W max	6-12.5A	95%
SPH450-48A/B	48V	40.8-50.4V DC	9.4A	450W max	5-9.4A	96%
SPH450-54A/B	54V	45.9-56.7V DC	8.3A	450W max	4.5-8.3A	96%

## Characteristics

Rated input voltage: AC90-305V 50Hz (PF>0.95 measured at AC230V and full load) Ta -40~70 °C, Tc 95 °C

Model No.	DC voltage	Voltage ADJ.range	Rated current	Max output power	Current ADJ.range	Efficiency
SPH600-12A/B	12V	10.2-12.6V DC	40A	480W max	20-40A	92%
SPH600-15A/B	15V	12.7-15.8V DC	36A	540W max	18-36A	93%
SPH600-24A/B	24V	20.4-25.2V DC	25A	600W max	12.5-25A	95%
SPH600-36A/B	36V	30.6-37.8V DC	16.7A	600W max	8.3-16.7A	95%
SPH600-48A/B	48V	40.8-50.4V DC	12.5A	600W max	6.2-12.5A	96%
SPH600-54A/B	54V	45.9-56.7V DC	11.2A	604W max	5.6-11.2A	96%





# SNP LED Power Supply

## Reliable Technical Data

- Rated Input Voltage:200-240VAC
- 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 EN62493-2010
- ERP According to EN1194-2012

Developing



## Characteristics

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

Model No.	DC voltage	Load	PF	Ta	Tc	LXWXH
SNP150-12VF-1	12V	0-132W	≥0.9	Pending	Pending	Pending
SNP150-24VF-1	24V	0-150W	≥0.9	Pending	Pending	Pending

# SNP LED Power Supply

## Reliable Technical Data

- Rated Input Voltage:200-240VAC
- Input Frequency:50/60Hz
- Output Power:200W(24V)
- 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 EN62493-2010
- ERP According to EN1194-2012

Developing



## Characteristics

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

Model No.	DC voltage	Load	PF	Ta	Tc	LXWXH
SNP200-12VL	12V	0-180W	≥0.9	Pending	Pending	Pending
SNP200-24VL	24V	0-200W	≥0.9	Pending	Pending	Pending

