

# Super Slim LED Power Supply



## CV Version



### Reliable Technical Data

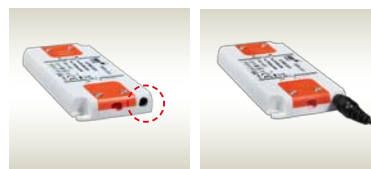
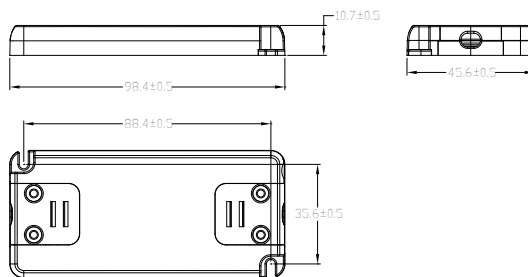
- Rated Input Voltage:200-240VAC
- Input Frequency:50Hz
- Output Power:6W
- Dimension:L98.4xW45.6xH10.7mm
- Body:PC
- Open Circuit;Short Circuit;Over Load
- Over Heat Protection

- Safety According to EN61347-1,EN61347-2-1
- EMI According to EN55015
- EMF According to EN62493-2010
- EMS According to EN61000-3-2;EN61000-3-3;EN61547
- Approbation Mark:CE ROHS;TUV;C-Tick

## CC Version



### Dimension in mm



NEW direct plug-in feature!

### Characteristics

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

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

Model No.	Constant output Current	Load	Max output Voltage	PF	Ta	Tc	L×W×H	Approval
SNP6-350IF	350mA	0-6W	17.5VDC	≥0.5	45℃	80℃	98.4X45.6X10.7	TUV SAA
SNP6-500IF	500mA	0-6W	12VDC	≥0.5	45℃	80℃	98.4X45.6X10.7	TUV SAA
SNP6-700IF	700mA	0-6W	8.5VDC	≥0.5	45℃	80℃	98.4X45.6X10.7	TUV SAA

# LED DRIVER TECHNICAL SPEC

<b>CODE</b>	SNP6-12VF		
<b>Description</b>	Constant voltage Led driver, input 200-240V AC, output 12V DC		
<b>items</b>	<b>conditions</b>	<b>request</b>	<b>note</b>
<b>1.input</b>			
1.1 rated input voltage	Ta	AC200-240V	
1.2 input voltage scope	Ta	AC180-264V	
1.3 input voltage frequency	Ta	50Hz	
1.4 input current	25°C, input rated voltage, output max rated load	<0.10A	
1.5 input power	25°C, input rated voltage, output max rated load	<10W	
1.6 Efficiency	25°C, input rated voltage, output max rated load	≥70%	
1.7 power consumption without load	25°C, input rated voltage, output without load	<0.5W	Average
1.8 power factor	25°C, input rated voltage, output max rated load	0.50	
1.9 input surge current	25°C, input rated voltage, output max rated load	<60A	Peak
<b>2.output</b>			
2.1 startup time	25°C, input rated voltage, output max rated load	<2S	
2.2 constant output current and precision	Ta, input rated voltage, output max rated load	--	
2.3 rated output power/led lights quantity	Ta, input rated voltage	--	VF=3.6V
2.4 output current ripple wave	25°C, input rated voltage, output max rated load	--	Ip-p
2.5 overshoot	25°C, input rated voltage, output for 2 lights connection,	--	
2.5 rated output voltage and precision	Ta, input rated voltage, output rated load	12V±5%	
2.6 output voltage ripple wave	25°C, input rated voltage, output max rated load	<240mV	Vp-p
2.7 output open circuit voltage	Ta, input rated voltage, output without load	<14V	
2.8 dimmable mode		--	
2.9 dimmable scope		--	
<b>3. protection</b>			
3.1 open circuit protection	25°C, input rated voltage, output max rated load	yes	
3.2 overload protection	Ta, input 0.94-1.06 times rated voltage, output 1.1 times rated load	yes	
3.3 short circuit protection	Ta, input 0.94-1.06 times rated voltage, output short circuit for 1 hour	yes	
3.4 over heat protection	before Tc temperature reaches 115°C	yes	
3.5 automatic re-start	Ta, overload, short, over temperature protection retreated	yes	
<b>4. temperature and others</b>			
4.1 working temperature		-20°C~45°C	
4.2 Relative humidity		45%~85%	
4.3 max cover temperature		85°C	<90°C
4.4 products life span	under max Ta, input rated voltage and output max rated load	30000hr	
4.5 working noise	25°C, input rated voltage, output rated load, background noise<30dB, pickup is 10cm far away from product	<35dB	
<b>5. mechanical structure, mounting and connection way</b>			
5.1 cover material and sizes	plastic cover,98.4mmX45.6mmX10.7mm		
5.2 mounting mode	independent		
5.3 anti-electric shock	Second grade		
5.4 protection grade	IP20		
5.5 input connection way	H03VVH2-F 2X0.75mm <sup>2</sup>		
5.6 output connection way	H03VVH2-F 2X0.75mm <sup>2</sup>		
5.7 output wires length	2m max		
<b>6. Standard request</b>			
6.1 security	IEC61347-1、IEC61347-2-13(with light IEC60598)		
6.2 harmonic	25°C, input rated voltage, MAX ated load	IEC61000-3-2	
6.3 EMC--interference	25°C, input rated voltage, load is typical lights	IEC55015	
6.4 EMC--ANTI interference	25°C, input rated voltage, load is lights	IEC61547	
6.5 Mark	F and MM mark		
<b>Made by</b>		<b>version</b>	
<b>Inspection</b>			