

# Super Slim LED Power Supply

## CV Version



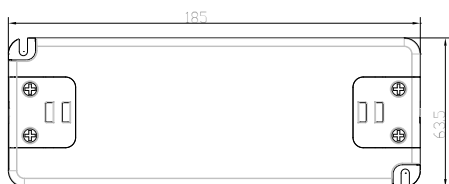
## CC Version



### 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
- EMF According to EN62493-2010
- EMS According to EN61000-3-2;EN61000-3-3;EN61547
- Approbation Mark:CE ROHS;TUV;C-Tick

### Dimension in mm



### Characteristics

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

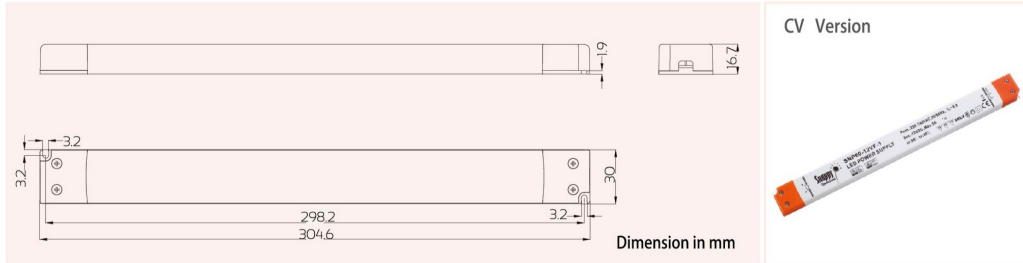
Model No.	Constant output Voltage	Load	Max output Current	PF	Ta	Tc	L×W×H	Approval
SNP50-12VF	12V	0-50W	4.17A	≥0.9	45℃	80℃	185X63.5X22	TUV SAA
SNP50-24VF	24V	0-50W	2.08A	≥0.9	45℃	80℃	185X63.5X22	TUV SAA

Model No.	Constant output Current	Load	Range output Voltage	PF	Ta	Tc	L×W×H	Approval
SNP50-500IF	500mA	25-50W	50-100VDC	≥0.9	45℃	80℃	185X63.5X22	TUV
SNP50-700IF	700mA	25-50W	36-72VDC	≥0.9	45℃	80℃	185X63.5X22	TUV SAA
SNP50-950IF	950mA	25-50W	26.5-53VDC	≥0.9	45℃	80℃	185X63.5X22	TUV SAA
SNP50-1050IF	1050mA	25-50W	24-48VDC	≥0.9	45℃	80℃	185X63.5X22	TUV SAA
SNP50-1400IF	1400mA	25-50W	18-36VDC	≥0.9	45℃	80℃	185X63.5X22	TUV SAA
SNP50-2100IF	2100mA	25-50W	12-23.8VDC	≥0.9	45℃	80℃	185X63.5X22	TUV



# Linetype LED Power Supply

## SNP60-VF-1



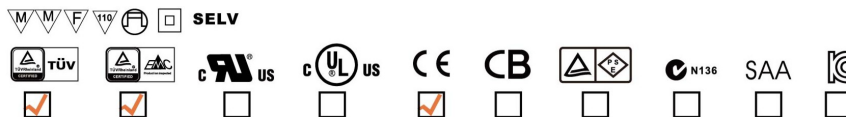
### Characteristics

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



# LED DRIVER TECHNICAL SPEC

CODE	SNP60-12VF-1		
Description	constant voltage Led driver, input 200-240VAC, output 60W 12VDC		
items	conditions	request	note
<b>1.output</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℃, input rated voltage, output max rated load	<0.5A	
1.5 input power	25℃, input rated voltage, output max rated load	<75W	
1.6 Efficiency	25℃, input rated voltage, output max rated load	≥88%	Typical
1.7 power consumption without load	25℃, input rated voltage, output without load	<0.5W	Average
1.8 power factor	25℃, input rated voltage, output max rated load	≥0.90	
1.9 input surge current	25℃, input rated voltage, output max rated load	<75A	Peak
<b>2.output</b>			
2.1 startup time	25℃, input rated voltage, output max rated load	<0.5S@230V 50Hz	
2.2 Max.output current	Ta, input rated voltage, output max rated load	5A Max.	
2.3 rated output power/led lights quantity	Ta, input rated voltage		VF=3.6V
2.4 output current wave	25℃, input rated voltage, output max rated load	--	Ip-p
2.5 overshoot	25℃, 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 wave	25℃, input rated voltage, output max rated load	<500mV	Vp-p
2.7 output open circuit voltage	Ta, input rated voltage,no load	<13V	
2.8 dimmable mode		--	
2.9 dimmable scope		--	
<b>3.protection</b>			
3.1 open-circuit protection	Ta, input rated voltage, output without load	yes	
3.2 overload protection	Ta, input 0.94-1.06 times rated voltage, output 2 times of rated load	yes	
3.3 short protection	Ta, input 0.94-1.06 times rated voltage, output short circuit for 1 hour	yes	
3.4 over temperature protection	before Tc reaches 115 ℃		
3.5 automatic re-start	Ta,overload, short, over temperature protection retreat	yes	
<b>4.temperature and others</b>			
4.1 working temperature		-20℃~45℃	
4.2 working humidity		45%~85%	
4.3 max cover temperature		80℃	<90℃
4.4 products life span	max Ta, input rated voltage and output max rated load	30000hrs	
4.5 working noise	25℃, input rated voltage, output rated load, background noise<30dB, pickup is 10cm from product	<35dB	
<b>5. mechanical struture,mount and wire connection</b>			
5.1 cover material and size	plastic cover 304.6mmx30mmx16.7mm		
5.2 mounting	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 safety	IEC61347-1、IEC61347-2-13( with lights IEC60598)		
6.2 harmonic	25℃, input rated voltage, MAX rated load	IEC61000-3-2	
6.3 EMC--Emission	25℃, input rated voltage, load is typical light	IEC55015	
6.4 EMC--Immunity	25℃, input rated voltage, load is typical light	IEC61547	
6.5 Mark	F and MM mark		
<b>Made</b>		<b>version</b>	A0
<b>Inspection</b>			
<b>Approval</b>			