

Super Slim LED Power Supply

CV Version



Reliable Technical Data

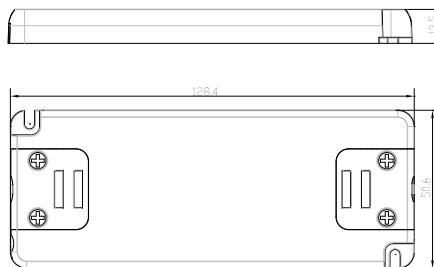
- Rated Input Voltage:200-240VAC
- Input Frequency:50Hz
- Output Power:15W
- Body:PC
- Open Circuit;Short Circuit;Over Load;
- Over Heat Protection



CC Version



Dimension in mm



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
SNP15-12VF	12V	0-15W	1.25A	≥0.5	45℃	75℃	128.4X50.6X13.5	TUV SAA
SNP15-24VF	24V	0-15W	0.625A	≥0.5	45℃	75℃	128.4X50.6X13.5	TUV SAA

Model No.	Constant output Current	Load	Max output Voltage	PF	Ta	Tc	L×W×H	Approval
SNP15-350IF	350mA	10-15W	42VDC	≥0.5	45℃	75℃	128.4X50.6X13.5	TUV SAA
SNP15-500IF	500mA	10-15W	30VDC	≥0.5	45℃	75℃	128.4X50.6X13.5	TUV SAA
SNP15-700IF	700mA	10-15W	21VDC	≥0.5	45℃	75℃	128.4X50.6X13.5	TUV SAA
SNP15-700IF-1	700mA	7.5-15W	21VDC	≥0.5	45℃	75℃	128.4X50.6X13.5	TUV SAA

LED DRIVER TECHNICAL SPEC

CODE	SNP15-12VF		
description	constant voltage Led driver, input 200-240V AC, 12V output		
items	conditions	request	note
1.Input			
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	<0.23A	
1.5 input power	25°C, input rated voltage, output max rated load	<20W	
1.6 Efficiency	25°C, input rated voltage, output max rated load	≥82%	
1.7 power consumption without load	25°C, input rated voltage, output without load	<0.3W	Average
1.8 power factory	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	<70A	Peak
2.output			
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 rated load	--	
2.3 rated output power/led lights quantity	Ta, input rated voltage	--	VF=3.6V
2.4 output current 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 wave	25°C, input rated voltage, output max rated load	<150mV	Vp-p
2.7 output open circuit voltage	Ta, input rated voltage,output without load	<13V	
2.8 dimmable mode		--	
2.9 dimmable scope		--	
3.protection			
3.1 open protection	Ta, input rated voltage, output without 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 protection	Ta, input 0.94-1.06 times rated voltage, output short circuit for 1 hour	yes	
3.4 over temperature protection	temperature detected by chips itself	yes	
3.5 automatic re-start	Ta overload, short, over temperature protection retreated	yes	
4. temperature and others			
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	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	
5. mechanical struture,mount and wire connection way			
5.1 cover material and sizes	plastic cover,128.2mmX50.5mmX13.5mm		
5.2 mounting ways	independent		
5.3 anti-electric shock	Second grade		
5.4 protection grade	IP20		
5.5 input connection way	1 way,terminal,to connectH03VVH2-F 2X0.75mm ²		
5.6 output connection way	1 way,terminal,to connectH03VVH2-F 2X0.75mm ²		
5.7 output wires length	2m max		
6. Standard request			
6.1 security	IEC61347-1、IEC61347-2-13with 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		
Made		version	
Inspection			