

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

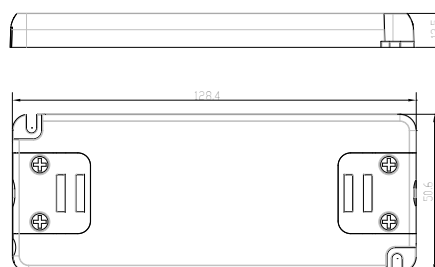
CC Version



- 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 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	SNP15-24VF		
description	constant voltage Led driver, input 200-240V AC , 24V 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℃ , input rated voltage, output max rated load	<0.23A	
1.5 input power	25℃ , input rated voltage, output max rated load	<20W	
1.6 Efficiency	25℃ , input rated voltage, output max rated load	≥85%	
1.7 power consumption without load	25℃ , input rated voltage , output without load	<0.3W	Average
1.8 power factory	25℃ , input rated voltage, output max rated load	≥0.50	
1.9 input surge current	25℃ , input rated voltage, output max rated load	<70A	Peak
2.output			
2.1 startup time	25℃ , input rated voltage, output max rated load	<2S	
2.2 constant output current and precis ion	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℃ , 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 precis ion	Ta , input rated voltage , output rated load	24V±5%	
2.6 output voltage wave	25℃ , input rated voltage, output max rated load	<150mV	Vp-p
2.7 output open circuit voltage	Ta , input rated voltage,output without load	<25V	
2.8 dimmable mode		--	
2.9 dimmable scope		--	
3.protection			
3.1 open protection	Ta , input rated voltage, outputwithout 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℃~45℃	
4.2 relative humidity		45%~85%	
4.3 max cover temperature		85℃	<90℃
4.4 products life span	max Ta, input rated voltage and output max rated load	30000hr	
4.5 working noise	25℃ , 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、IEC61347-2-13(with light IEC60598)		
6.2 harmonic	25℃ , input rated voltage , MAX ated load	IEC61000-3-2	
6.3 EMC--interference	25℃ , input rated voltage , load is typical lights	IEC55015	
6.4 EMC--ANTI interference	25℃ , input rated voltage , load is lights	IEC61547	
6.5 Mark	F and MM mark		
Made		version	
Inspection			