Super Slim LED Power Supply

CV Version

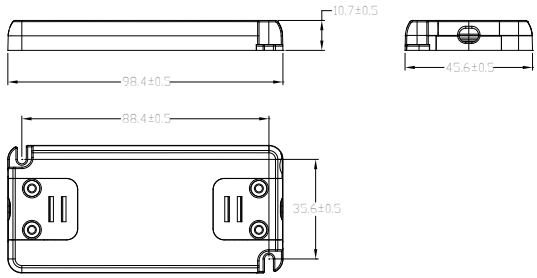
Reliable Technical Data

- 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



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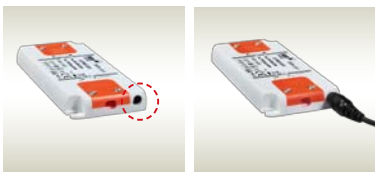

NEW direct plug-in feature!

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

CODE	SNP6-350IF		
description	Constant current Led driver，input 200-240V AC，output 350mA		
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	＜0.10A	
1.5 input power	25℃，input rated voltage, output max rated load	＜10W	
1.6 Efficiency	25℃，input rated voltage, output max rated load	≥64%	
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	≥0.50	
1.9 input surge current	25℃，input rated voltage, output max rated load	86A	Peak
2.output			
2.1 startup time	25℃，input rated voltage, output max rated load	<2S	
2.2 constant output voltage 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℃，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 current and precision	Ta ，input rated voltage，output rated load	350mA±10%	
2.6 output voltage wave	25℃，input rated voltage, output max rated load	40mA	Vp-p
2.7 output open circuit voltage	Ta ，input rated voltage, output without load	19V±0.5V	
2.8 Output Voltage range	Ta ，input rated voltage	0-17V	
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	before Tc temperature reaches 115℃	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		80℃	＜90℃
4.4 products life span	under 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, pick up is 10cm far away from product	＜35dB	
5. mechanical structure, mounting and connection way			
5.1 cover material and sizes	plastic cover 98.4mmX45.6mmX10.7mm		
5.2 mounting ways	independent		
5.3 anti-electric shock	Second grade		
5.4 protection grade	IP20		
5.5 input connection way	2X0.75mm2 wire		
5.6 output connection way	2X0.75mm^2 wire		
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 rated load	IEC61000-3-2	
6.3 EMC--interference	25℃，input rated voltage，load is typical lights	C55015、FCC18 B	
6.4 EMC--ANTI interference	25℃，input rated voltage，load is lights	IEC61547	
6.5 Mark	F and MM mark		
Made		**version**	
Inspection			