

LED Power Supply

Constant Voltage LED Driver | Input 200 – 240V AC | Output 24V DC

Slim and Flat version, High Cost Performance,SELV.Open circuit, short circuit,overload and over temperature protection.Compliance to ERP directive,lifetime 30,000hrs.



items	conditions	request	note
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Input

Input voltage	Ta	180-264Vac	--
Input Frequency		50Hz/60Hz	--
Input Current	25°C, rated input voltage, output with max. rated power	<0.22A	--
Input Power		<37W	--
Efficiency		≥85%	--
Standby	25°C, rated input voltage, output without load	<0.50W	Average
Inrush Current	25°C, rated input voltage	<60A	peak
PF	25°C, rated input voltage, output max. rated power	≥0.9	--

Output

Startup time	25°C, rated input voltage,output with max. rated power	<0.5S	--
Output voltage and precision	Ta , rated input voltage, output with rated power	24V±5%	--
Output current range	Ta , rated input voltage	0-1.25A	--
Output voltage wave	25°C, rated input voltage,output with max. rated power	240mV	Vp-p
Output overload	25°C, rated input voltage,output with 2 times LED load	yes	--
Output current and precision	Ta , rated input voltage, output with rated power	--	--
Rated output voltage range	Ta , rated input voltage,	-	--
Output current wave	25°C, rated input voltage,output with max. rated power	--	Ip-p
Dimming mode	--	--	--
Dimming range	--	--	--

Protection

open circuit	Ta,input rated voltage, output without load	--	--
overload	Ta ,0.94-1.06 times of input voltage, 1.2 times of rated power	yes	--
Short circuit	Ta ,input 0.94-1.06 times input voltage,	yes	--
Over temperature	IC detect temperature	--	--
Over voltage	Ta ,0.94-1.06 times of input voltage,output voltage is 1.5 times of rated one	yes	--
Auto recovery	Over load, short circuit revocation	yes	--
Latch off	Over voltage, over heat re-start after cut off	--	--

Temperature and others

Operating temperature	--	-20° C ~ 45° C	--
Relative humidity	--	45% ~ 85%	--
max. Case temp.	--	80° C	<90°C
products life span	under max Ta,input rated voltage and output max rated load		30,000hr
working noise	25°C, rated input voltage,output with rated power, mute box background noise<35dB, pickup 10cm distance from products		yes

Mechanical, mounting

Case material and size	Plastic
Mounting ways	independent
Insulation type	Class II
IP grade	IP20
Input cables dimension	
Output cables dimension	
Output cables length	

Standard request

Safety	IEC61347-1 IEC61347-2-13
Harmonic	IEC61000-3-2
EMC	IEC55015
EMC	IEC61547

Dimensions
