

LED POWER SUPPLY DATASHEET

High Cost Performance, Class II, SELV.
short circuit, overload and over temperature protection.
lifetime 30,000hrs.



items	conditions	request	note
-------	------------	---------	------

Input

Input Voltage	Ta	180-264Vac	--
Input frequency		50Hz	--
Input current	25°C ,rated input voltage, output with max. rated power	<0.2A	--
Input power		<17.5W	--
Efficiency		≥75%	--
Standby	25°C ,rated input voltage, output without load	<0.5W	average
Inrush current	25°C ,rated input voltage	<60A	peak
PF	25°C ,rated input voltage, output max. rated power	≥0.5	--

Output

Startup time	25°C , rated input voltage,output with max. rated power	<2S	--
Output voltage and precision	Ta, rated input voltage, output with rated power	--	--
Output current range	Ta ,rated input voltage	--	--
Output voltage wave	25°C , rated input voltage,output with max. rated power	--	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	350mA±10%	--
Rated output	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, rated input voltage, no load	--	--
Over load	Ta ,0.94-1.06 times of input voltage, 1.2 times of rated power	yes	--
Short circuit	Ta ,0.94-1.06 times of input voltage	yes	--
Over temperature	Ta ,0.94-1.06 times of input voltage, temperature detected pointed more than 115 degree	--	
Over voltage	Ta ,0.94-1.06 times of input voltage,output voltage is 1.5 times of rated one	--	--
Auto recovery	Over load, short circuit revocation	yes	--
Latch off	Over voltage, over heat re-start after cut off	--	--

Temperature and others

Operation temperature	--	-20-45°C	
Relative humidity	--	45%-85%	
Max. case temp.	--	80°C	<90°C
Lifetime	Max.Ta, rated input voltage, output with max. rated power		30,000hr
Working noise	25°C , rated input voltage, output with rated power , mute box background noise < 35dB, pickup 10cm distance from products		yes

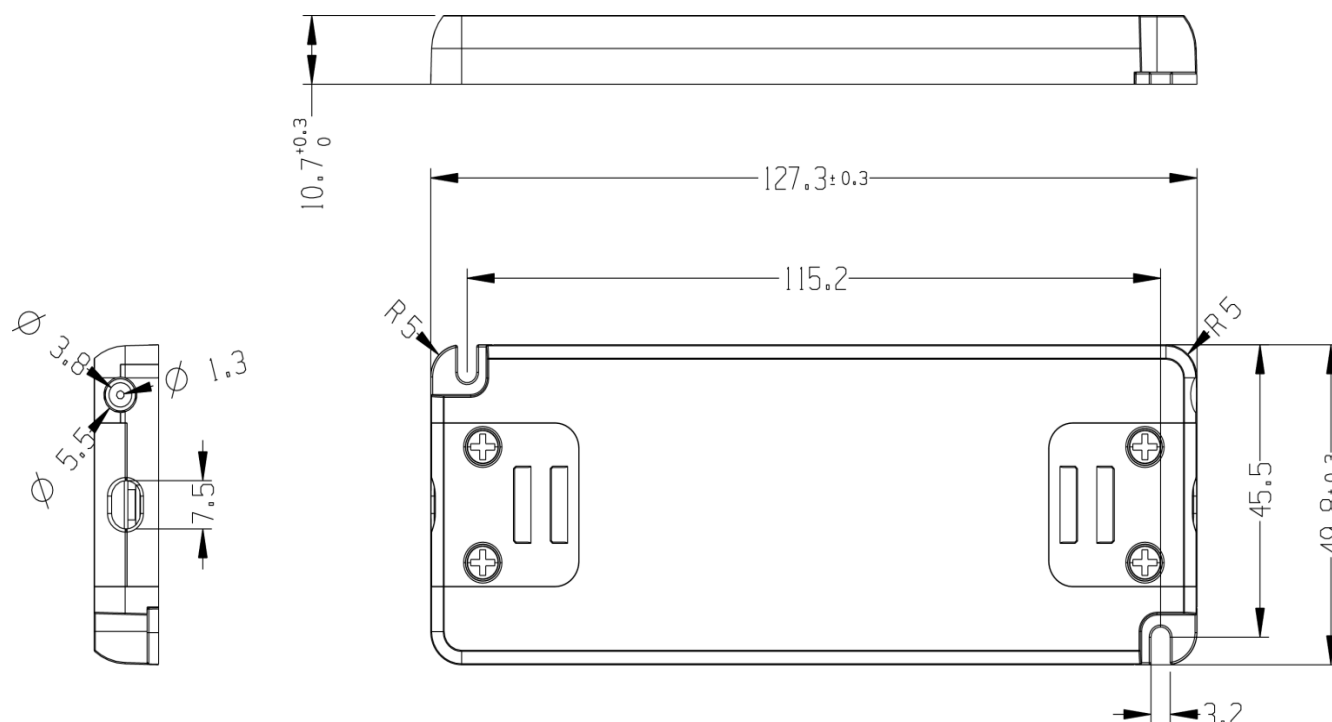
Mechanical, mounting

Case material and sizes	Plastic 127.3mm×49.8mm×10.7mm
Mounting ways	Independent
Insulation type	Class II
IP grade	IP20
Input cable dimension	H03VVH2-F 2×0.75mm ²
Output cable dimension	H03VVH2-F 2×0.75mm ²
Output cables length	2000mm

Standard

Safety	IEC61347-1, IEC61347-2-13
Harmonic	IEC61000-3-2
EMI	IEC55015
EMS	IEC61547

Dimensions



Wiring Diagram

