



## ■ Description

This product is not only cost-effective but also meets the Class II standard for electric shock protection. To enhance product safety, open circuit, short circuit, and overload protection functions are integrated into the circuit. Warranty is 5 years.



## ■ Input

Items	Conditions	Request	Note
Input voltage	Ta	90-132Vac	-
Input frequency		50Hz/60Hz	-
Input current	25°C, rated input voltage, output with max. rated power	< 0.8A	-
Input power		<70W	-
Efficiency		≥ 86%	-
Standby	25°C, rated input voltage, output without load	<0.5W	Average
Inrush current	25°C, rated input voltage	<50A	Peak
PF	25°C, rated input voltage, output max. rated power	≥0.95	-

## ■ Output

Items	Conditions	Request	Note
Startup time	25°C, rated input voltage, output with max. rated power	<1S	-
Output voltage and precision	Ta, rated input voltage, output with max. rated power	12V±5%	-
Output current range	Ta, rated input voltage	0-5A	60W
Output voltage wave	25°C, rated input voltage output with max. rated power	<300mV	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	-	-
Open circuit voltage	Ta, rated input voltage, no load	-	-
Output current wave	25°C, rated input voltage, output max. rated power	-	Lp-p
Dimming mode	-	-	-
Dimming range	-	-	-

**■ Temperate and others**

Items	Conditions	Request	Note
Operation temp.	-	-20-45°C	-
Relative humidity	-	45%-85%	-
Max. case temp.	-	80°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**

Items	Conditions
Case material and size	Plastic Case 304.6x30x16.7mm
Mounting ways	Independent
Insulation type	Class II
IP grade	IP20
Input cables dimension	SPT-2 18AWG
Output cables dimension	SPT-2 18AWG
Output cables length	Max 2M

**■ Protection**

Items	Conditions	Request	Note
Open circuit	Ta, rated input voltage, no load	-	-
Over load	Ta, 0.94-1.06 times of input voltage, 2 times of rated	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 point more than 115 degree	Yes	-
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, over heat revocation	Yes	-
Latch off	Over voltage re-start after cut off	Yes	-

■ **Standard**

Items	Conditions
Safety	UL8750
Harmonic	-
EMI	FCC PART15 CLASSB
EMS	-

■ **Mechanical Specification(Unit: mm)**



■ **Wiring Diagram**

