

LED DRIVER TECHNICAL SPEC

Super Slim LED Driver | Input 100-24 0V_{AC} | Output 24V_{DC}

- Class 2.
- Open circuit, short circuit, overload and over temperature protection.
- Lifetime 30,000hrs.



items	conditions	request	note
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1.input

input voltage	Ta	100-240V	--
input frequency		50/60Hz	--
input current	25°C, input rated voltage, output with max rated load	<0.40A	--
input power		<38.5W	--
Efficiency		85%	--
Standby	25°C, input rated voltage, output without load	<0.5W	average
Inrush Current	25°C, input rated voltage	<50a	peak
PF	25°C, input rated voltage, output max rated load	≥0.8	--

2.output

startup time	25°C, rated input voltage, with max rated power	<1.0S	--
Output voltage and precision	Ta, rated input voltage, output with rated power	24V±5%	--
Output current range	Ta, rated input voltage	0-1.25A	30W
Output voltage wave	25°C, rated input voltage, with max rated power	180mV	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	--	--	--

3. protection

open circuit	Ta, rated input voltage, no load	yes	--
over load	Ta, 0.94-1.06 times of input voltage, 1.4 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	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 and over heat revocation	yes	--
Latch off	Over voltage, re-start after cut off	yes	--

4. temperature and others

Operatiopn temo.	--	-20°C~45°C	--
Relative humidity	--	45% ~ 85%	--
Max case temp.	--	85°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	<35dB	--

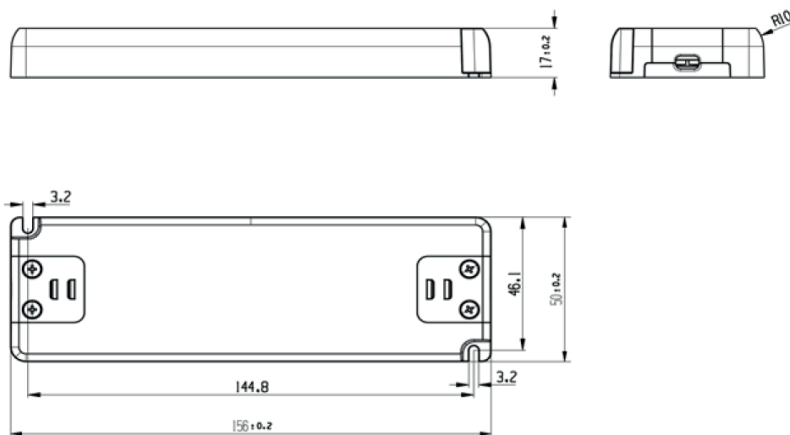
5. mechanical structure, mounting and connection way

Cover material and sizes	Plastic
Mounting ways	independent
Insulation type	Class II
IP grade	IP20
Input cable dimensions	terminal
Output cable dimensions	terminal
Output cable lenght	--

6. Standard

Safety	UL8750,IEC61347-1, IEC61347-2-13
Harmonic	EN61000-3-2 Class C
EMI	FCC PART15, EN55015
EMS	EN61547

7. Dimensions in mm



8. Wiring diagram

