

LED Driver 12V 60W ohne Klemmenabdeckung

Art. EGNP60-12



Dimensionen: 302x30x16.75mm

Dimmbar: nein



Items	Conditions	Request	Note
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1.Input

Input voltage	Ta	AC200-240V	--
Input frequency		50/60Hz	--
Input current	25° C, rated input voltage, output with max. rated power	0.5A	--
Input power		70W	--
Efficiency		≥88%	Typical
Standby	25° C, rated input voltage, output without load	0.5W	average
Inrush current	25° C, rated input voltage	75A	peak
PF	25° C, rated input voltage, output max. rated power	≥0.90	--

2.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	12V±5%	--
Output current range	Ta, rated input voltage	0-5A	
Output voltage wave	25° C, rated input voltage, output with max. rated power	500mV	Vp-p
Output overload	25° C, rated input voltage, output with 2 times LED load	--	--
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.Temperature and others

Operation temp.	--	-20°C – 50°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	<35dB	--

4. 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	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 revocation		--
Latch off	Over voltage, over heat re-start after cut off.	yes	--

5. Mechanical, mounting

Case material and size	Plastic
Mounting ways	built in
Insulation type	Class II
IP grade	IP20
Input cables dimension	
Output cables dimension	
Output cables length	2000mm

6.Standard

Safety	IEC61347-1 IEC61347-2-13
Harmonic	IEC61000-3-2 class C
EMI	IEC55015
EMS	EN61000-4-2 3 4 5 6 EN61547

Note: peak current of startup can't exceed 1.05 times of rated current. Otherwise product enter latch off.

7. Dimensions in mm

