

LED Driver

AC to DC Switch Power Supply 12 Watts - LA1012 Series

Features :

DC Output with Constant Current,
Or Constant Voltage
Waterproof Design - IP66,NEMA4
For Dry, Damp Location
Convection Cooled in plastic housing
Meet UL1310,Class 2,cUL,FCC A,CE
Three Year Warranty

Applications :

LED Signage
LED Architectural Lighting
LED Industrial Lighting
LED Channel Letter
LED Bulb



pending

CE IP66

Specifications :

AC Input Range : 90~264Vac / 0.2~0.1A / 47~63Hz	Operation Temp. : -40°C ~ +60°C , Tc : 90°C
Input Inrush Current : <10A/115Vac , <20A/230Vac	Storage Temp. : -40°C ~ +85°C
Power Factor : >0.6 at full load ,115Vac ,230Vac	MTBF(@25°C) : >100,000 Hours,MIL-217F
Efficiency : 75% Typical	Safety Meet : UL1310, Class 2 ,CUL
DC Output Ripple/Noise p-p : 3%	EMI EN55015 ,EN61347,EN61547,CE,FCC A, IP66,NEMA4.
Load Regulation : ±3%	Dimension : 85(L),35(W),23(H) mm
Protection : OVP,OCP,SCP,OTP - Auto Recovery	Weight : 120 Grams Typical

Model Listing :

Model	DC Output Constant Voltage	Output Current Min. Max.	Watts Max.	Model	DC Output(Vf) Forward Voltage	Output Constant Current	Watts Max.
LA1012-12	12V ± 5%	100 - 1000mA	12W	LA1012-12-C1000	3~12V	1000mA ± 5%	12W
LA1012-16	16V ± 5%	80 - 800mA	12.6W	LA1012-16-C0800	3~16V	800mA ± 5%	12.8W
LA1012-24	24V ± 5%	50 - 500mA	12W	LA1012-24-C0500	5~24V	500mA ± 5%	12W
LA1012-36	36V ± 5%	35 - 350mA	12.6W	LA1012-36-C0350	5~36V	350mA ± 5%	12.6W
LA1012-48	48V ± 5%	25 - 250mA	12W	LA1012-48-C0250	12~48V	250mA ± 5%	12W

Mechanical Drawing :

