

# LA1012 LED Driver

For High Power LED Lighting Applications

Total Power	12 Watts max.
Input Voltages	100 ~ 240VAC
Number of Outputs	One

# Product Specifications

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## Features :

- DC Output with Constant Current or Constant Voltage
- IP66 compliant
- For Dry Locations only
- Convection Cooled in plastic housing
- Meet UL1310, Class 2, cUL, FCC A, CE
- Three Years Warranty

## Applications :

- LED Back Light
- LED Architectural Lighting
- LED General Luminaire
- LED Channel Letter
- LED Down Light



**UL<sup>®</sup> US** **CE** **IP66**

AC Input Range : 90~264Vac / 0.2~0.1A / 47~63Hz	Operating Temp.: -40~+60°C, Tc:90°C (De-rate 2%/°C from 60°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 A,EN61347,CE,FCC A, IP66,NEMA4.
Load Regulation : ±3%	Acoustic Noise: Less than 24db (20~20K Hz)
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	3~24V	500mA ± 5%	12W
LA1012-36	36V ± 5%	35 - 350mA	12.6W	LA1012-36-C0350	3~36V	350mA ± 5%	12.6W
LA1012-48	48V ± 5%	25 - 250mA	12W	LA1012-48-C0250	12~48V	250mA ± 5%	12W

## Mechanical :

