

LA1012 LED Driver

For High Power LED Lighting Applications

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

Product Specifications

ANZ#: Z144, August 1, 2007

Features :

DC Output with Constant Current
or Constant Voltage
IP66 compliant
For Dry and Damp Locations
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[®]
pending

CE **IP66**

Specifications :

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%	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	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 :

