

LA-1012 SERIES



Applications

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

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 Years Warranty, **Made in Taiwan**

Specifications

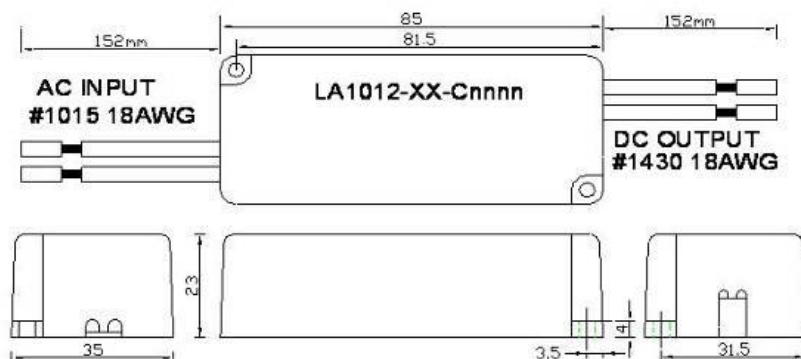
AC Input Range : 90~264Vac / 0.2~0.1A / 47~63Hz
Input Inrush Current : <10A/115Vac, <20A/230Vac
Power Factor : >0.6 at full load, 115Vac, 230Vac
Efficiency : 75% typical
DC Output Ripple/Noise p-p : 3%
Load Regulation : $\pm 3\%$
Protection : OVP, OCP, SCP, OTP - Auto Recovery
Operation Temp. : -40°C~+60°C, Tc : 90°C
Storage Temp. : -40°C~+85°C
MTBF(@25°C) : >100,000 Hours, MIL-217F
Safety Meet : UL1310 Class 2, CUL
EMI EN55015, EN61347, EN61547, CE, FCC A, IP66, NEMA4
Dimension : 85(L), 35(W), 23(H) mm
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 $\pm 5\%$	100 – 1000 mA	12W	LA1012-12-C1000	3~12V	1000mA $\pm 5\%$	12W
LA1012-16	16V $\pm 5\%$	80 – 800 mA	12.6W	LA1012-16-C0800	3~16V	800mA $\pm 5\%$	12.8W
LA1012-24	24V $\pm 5\%$	50 – 500 mA	12W	LA1012-24-C0500	3~24V	500mA $\pm 5\%$	12W
LA1012-36	36V $\pm 5\%$	35 – 350 mA	12.6W	LA1012-36-C0300	5~36V	300mA $\pm 5\%$	10.8W
LA1012-48	48V $\pm 5\%$	25 – 250 mA	12W	LA1012-48-C0250	12~48V	250mA $\pm 5\%$	12W

Custom Made Spec. is Available.

Dimension



Buy LED-Semicon products and get applications advice from:

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