

LED DRIVER LD12 12Watt Series

Wallmount Type



LD12-W -

Configuration

Output Voltage

Features:

- Power Factor > 0.85 at Full Load
- Wall Mount Type Available
- 100-240VAC(Universal)
- Meets Safety Agency Requirements and Complies EMI/EMS Regulations
- Private Label Marking Available
- Modified and Custom Designs Available
- 1 Year Warranty

DC Output Type

CC - Constant Current

AC Input

Universal 100 -240VAC

Configuration

U - UL AC Pin

E - EU Pin

B - UK Pin

Model	Input Voltage	O/P Voltage	O/P Current	Rated Power
	Universal (100-240VAC)			
LD12-W12 - U/E/B	✓	3 ~ 12V	1000mA	12W
LD12-W15 - U/E/B	✓	4 ~ 15V	800mA	12W
LD12-W24 - U/E/B	✓	6 ~ 24V	500mA	12W
LD12-W30 - U/E/B	✓	8 ~ 30V	400mA	12W
LD12-W36 - U/E/B	✓	9 ~ 36V	350mA	12.6W

Input

Voltage	100 - 240VAC
Line Frequency	50-60Hz
Current	0.2A Max.
Inrush Current	<10A @ Low Line <20A @ High Line

Electrical

Topology	Switching Flyback
Dielectric Withstand	3000 VAC Primary - Secondary
Leakage Current	0.25mA @ 2 Pin
Efficiency	85% Typical
Harmonic	20% Max.
MTBF	50,000 Calculated Hours at 25°C, by MIL-HDBK-217F

Output

Protection	Short Circuit Protection/ Over Voltage Protection/ Over Current Protection
Power Factor	>0.85 @ Line 100-240VAC

Environmental

Operating Temperature	0 to +40°C
Storage Temperature	-20 to + 80°C
Relative Humidity	Operating: 20 to 80% RH
	Storage: 10 to 90% RH
Cooling	Natural Convection Cooling

Safety & EMC (being applied)

Safety Standard	UL1310 Class 2 EN61347-1 EN61347-2-13
EMI	FCC Class B Conduction & Radiation
EMS	Compliance to EN61000-4-2,3,4,5,6,8,11
Water Proof	U / E/ B Type - No

Mechanical

Case Dimensions	U - L72 x W34 x H69 / H83 (mm)
	E - L72 x W34 x H90 / H104 (mm)
	B - L72 x W50 x H81 / H95 (mm)

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