



LD12 12Watt series

Wallmount / Desktop / Open Frame Type

Features:

- Power Factor > 0.85 at Full Load
- Wall Mount or Desktop Style Available
- 100-120VAC(Low Line) or 190-240VAC(High Line)
- Meets Safety Agency Requirements and Complies EMI/EMS Regulations
- Private Label Marking Available
- Modified and Custom Designs Available
- 1 Year Warranty

LD12-□□□□ - □



Configuration

- U - UL AC Pin
- E - EU Pin
- B - UK Pin
- T - Desktop
- F - Open Frame

DC Output Type

- CC - Constant Current
- CV - Constant Voltage with Dimmable Function (VR)

AC Input

- L - Low Line 100 -120VAC
- H - High Line 190 - 240VAC

Model	Input Voltage		O/P Voltage	O/P Current	Watt
	Low Line (100-120VAC)	High Line (190-240VAC)			
LD12-□CVL - U/E/B/T/F	✓		5 - 30V option (± 3%)	0 - 1600mA PWM (±5%)	12W
LD12-□CVH - U/E/B/T/F		✓	5 - 30V option (± 3%)	0 - 1600mA PWM (±5%)	12W
LD12-15CCL - U/E/B/T/F	✓		7.5 - 15V	800mA ± 5%	12W
LD12-20CCL - U/E/B/T/F	✓		15 - 20V	600mA ± 5%	12W
LD12-25CCL - U/E/B/T/F	✓		15 - 25V	480mA ± 5%	12W
LD12-30CCL - U/E/B/T/F	✓		15 - 30V	400mA ± 5%	12W
LD12-15CCH - U/E/B/T/F		✓	7.5 - 15V	800mA ± 5%	12W
LD12-20CCH - U/E/B/T/F		✓	15 - 20V	600mA ± 5%	12W
LD12-25CCH - U/E/B/T/F		✓	15 - 25V	480mA ± 5%	12W
LD12-30CCH - U/E/B/T/F		✓	15 - 30V	400mA ± 5%	12W

Input

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 @ Low Line 120VAC/Hz / High Line 240VAC/Hz

Environmental

Operating Temperature	0 to +40°C
Storage Temperature	-20 to + 60°C
Relative Humidity	Operating: 20 to 80% RH
	Storage: 10 to 90% RH
Cooling	Natural Convection Cooling

Safety & EMC (being applied)

Safety Standard	UL 1310 Class B
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
	T Type - No (IP66 Optional)

Mechanical

Case Dimensions	U - L72 x W34 x H69 (w/o VR) / H83 (with VR) (mm)
	E - L72 x W34 x H90 (w/o VR) / H104 (with VR) (mm)
	B - L72 x W50 x H81 (w/o VR) / H95 (with VR) (mm)
	T - L103 x W50 x H27(w/oVR) / H32 (with VR) (mm)