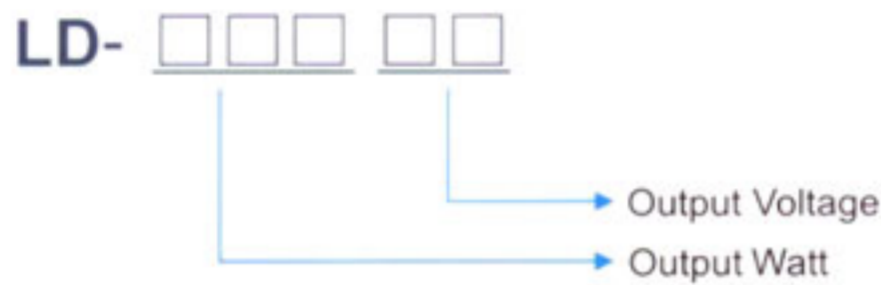


Features:

- 100-240VAC Universal Input
- Power Factor 0.90 up at Full Load
- IP67 Design for Indoor and Outdoor use
- Drop Voltage Can Follow 75~100% rated
- Constant Current and Constant Voltage Mode Design for LED Lighting and Sign Application
- Regulated Output with Low Ripple Noise
- Complies EMI/EMS
- Private Label Marking Available
- Modified and Custom Design Available
- 1 Year Warranty



Model	O/P Voltage	O/P Rated Current	Rated Watt	Drop Voltage Range	Efficiency
LD100-15	15V	6.66A	100 W	11.3V~15V	>87%
LD100-20	20V	5.0A	100 W	15V~20V	>87%
LD100-24	24V	4.16A	100 W	18V~24V	>87%
LD100-36	36V	2.77A	100 W	27V~36V	>87%
LD100-48	48V	2.08A	100 W	36V~48V	>87%

Input	
Voltage	100-240 VAC 50~60Hz
AC Current	1.45A Maximun at 120 VAC Input Voltage, and 0.75A at 230 VAC Input at 30W Load Condition
Inrush Current	Less Than 30A at 120V and Less Than 60A at 230V Input

Output	
Ripple	5% V p-p Max. for Output Voltage @ Full Load
Transient Response	0.5mS for 50% Load Change Typical
Holdup Time	10mS @ Full Load
Protection	Short Circuit Protection/ Over Voltage Protection 115%~135%
	Over Temp. Protection/ Over Current Protection 95%~105%

Electrical	
Topology	Switching Flyback
Dielectric Withstand	I/P-O/P:3750 VAC I/P-FG:1.88KVAC O/P-FG:0.5KVAC
Isolation Resistance	I/P-O/P, I/P-FG, O/P-FG:100M Ohms/ 500VDC/25C/70%RH
Leakage Current	1mA @ 3 Pin
EMI Conduction & Radiation	Compliance to EN55015 Class B
Harmonic Current	Compliance to EN61000-3-2 Class C (>=75%);EN61000-3-3
EMS Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11
MTBF	100,000 Calculated Hours at 25° C, by MIL-HDBK-217F

Environmental	
Operating Temperature	-30 to+70° C
Storage Temperature	-40 to+80° C
Relative Humidity	Operating: 20 to 100% RH
	Storage: 10 to 95% RH
Cooling	Natural Convection Cooling

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