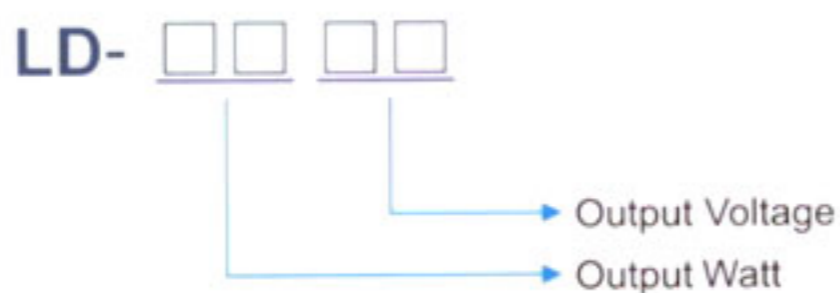
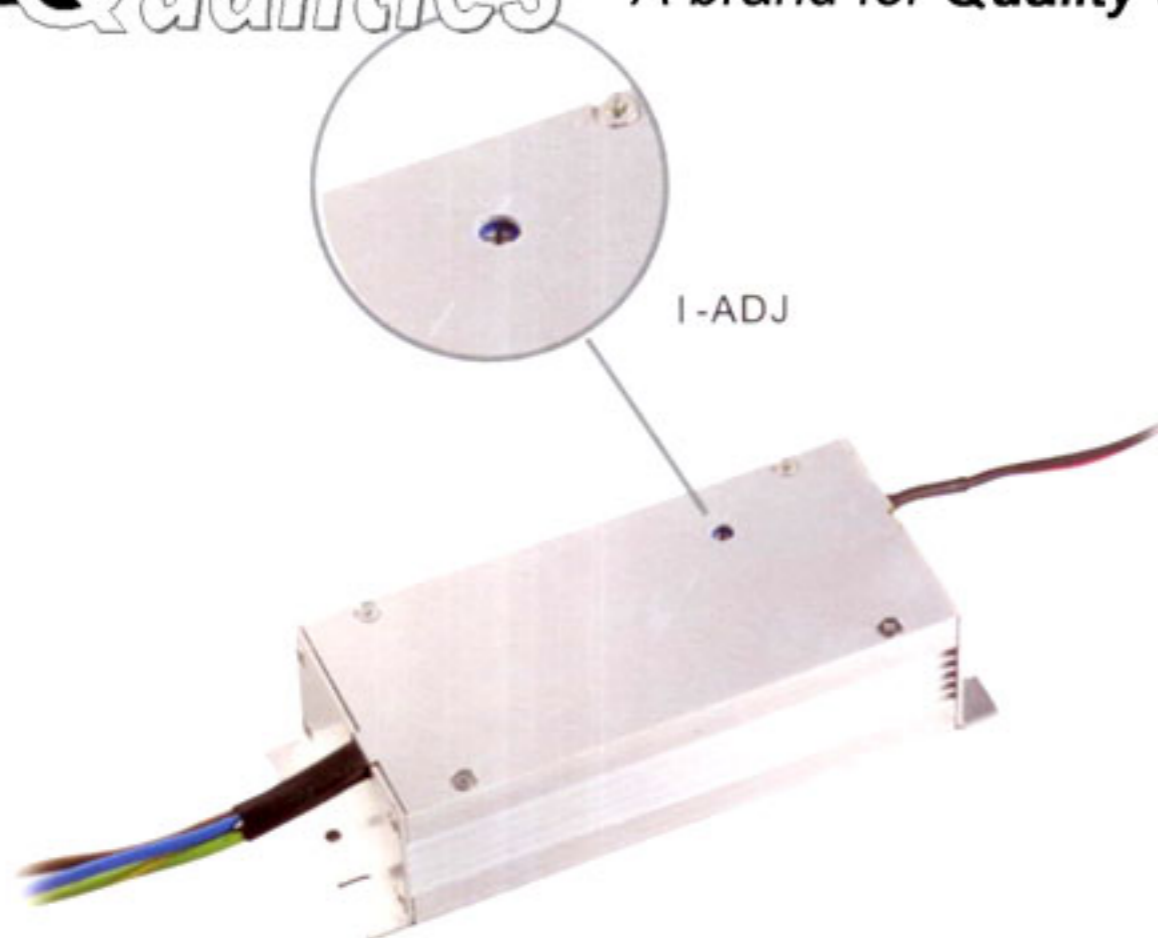


## 30 Watt LED Driver



### Features:

- Single Input Voltage : Low Line 100~120 VAC, High Line 220~240VAC
- Power Factor 0.90 up at Full Load
- IP67 Design for Indoor and Outdoor use
- Constant Current Adjusted 75~100% Range by Existing VR
- 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	Adj. Current Range	Efficiency
LD30-15	15V	2.0A	30 W	11.3V~15V	1500~2000mA	>81%
LD30-20	20V	1.5A	30 W	15V~20V	1125~1500mA	>81%
LD30-24	24V	1.25A	30 W	18V~24V	938~1250mA	>81%
LD30-36	36V	0.84A	30 W	27V~36V	630~840mA	>81%
LD30-48	48V	0.63A	30 W	36V~48V	473~720mA	>81%

Input	
Voltage	100-120 VAC, 220~240VAC 50~60Hz
AC Current	0.5A Maximun at 120 VAC Input Voltage, and 0.25A 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

North America Office:  
**L.Q.P. Enterprises Co., LTD.**  
 175-5489 Byrne Road,  
 Burnaby, B.C. V5J 3J1 Canada  
 TEL: (604)451-7899 FAX: (604)451-7858  
 www.LeadingQP.com, www.LQP.ca