

Project Name:	
Type:	

LP1056-XX Series

60 Watts | 100 - 277VAC

PRODUCT FEATURE

- UL8750 and CE Approved
- Single output, Constant or Constant Voltage design
- IP66 Compliant
- Suitable for dry and damp locations
- Designed for outdoor or indoor applications.
- Compatible with 0-10V dimming controller
- Active PFC reduces power consumption.



ELECTRICAL SPECIFICATIONS

INPUT RANGE	: 100 - 277VAC/ 0.8 - 0.4A
FREQUENCY	: 50 to 60Hz
PF AND THD	: > 0.92 at full load, 115VAC; 20% full load, 230VAC
CREST FACTOR	: 1.4 max
INRUSH CURRENT	: 20.0 Amps maximum at 230VAC, cold start, 25°C
EFFICIENCY	: 87% typical at maximum load
EMI FILTERING	: 47CFR, Part 2, Part 15 and Cispr PUB, 22 Class B
MAXIMUM POWER	: 60W
TURN ON TIME	: < 1.0 sec. @ 115VAC
LOAD REGULATION	: ±5%
LEAKAGE CURRENT	: 0.75µA/ 230VAC, Surge Immunity: 4KV
HOLD UP TIME	: Half cycle minimum at 120VAC and 80% of rated load.
PROTECTION	: OVP, OCP, OTP (limit-CC) and SC: Auto-recovery

ENVIRONMENTAL

OPERATING TEMPERATURE	: -40 to 50°C (De-rating: 2% per °C from 50-70°C)
STORAGE TEMPERATURE	: -40 to + 85°C
HUMIDITY (NON-CONDENSING)	: 5% to 95%
COOLING	: Convection
VIBRATION FREQUENCY	: 5 to 50Hz
MTBF	: >50,00 Hours at full load and 50°C ambient conditions
EMC	: (MIL-217F)
ACOUSTIC NOISE	: Compliant to 47CFR, Part 2, Part15 and Cispr PUB, 22 Class

SAFETY

UL	UL8750, Class 2 and UL879 recognized
cUL	UL8750, Class 2 and UL879 recognized
CE	EN61347, EN55015 Approved

WARRANTY

- See [Limited Warranty Policy](#) for more additional information.

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MODEL NUMBER	CONSTANT VOLTAGE MODE OUTPUT RANGE			MODEL NUMBER	CONSTANT CURRENT MODE OUTPUT RANGE		
	V (DC)	LOAD (mA)	Watts		V (DC)	mA (Max)	Watts
LP1056-24	24	300 – 3000	60	LP1056-24-Cxxxx	14 – 28	1500 – 2100/ 3000	60
LP1056-36	36	200 – 2000	60	LP1056-36-Cxxxx	21 – 42	1000 – 1400/ 2000	60
LP1056-48	48	150 – 1500	60	LP1056-48-Cxxxx	30 – 54	700 – 1100/ 1500	60
LP1056-112	N/A			LP1056-112-Cxxxx	56 - 112	500 - 700	60

Note:

The output voltage are adjusted at factory per customer’s request
 The output current of Constant Current models can be adjustable at factory from 50% - 100%.
 0-10V dimming only applied to constant current models.

MECHANICAL DRAWING - 95 x 70 x 32 (L x W x H)

LP1056-XX - Constant Voltage Model

XX - Available Output Voltage, refer to chart above

LP1056-XX-CYYYY-DDDD - Constant Current Model

C - Stands for Constant Current Model

XX - Available Output Voltage

YYYY - Available Constant Current Settings, 350mA or 700mA or 1050mA

DDDD (Optional) - 010V - 1-10V dimming, VR = 10K - 100KΩ potentiometer, 10V PWM = PWM D+/ D- signals

