

Project Name:	
Type:	

LP1017-XX Series

17 Watts | 90-264VAC or 100-277VAC

PRODUCT FEATURE

- UL48, Class 2 Compliant
- Single output, Constant or Constant Voltage design.
- IP66 Compliant
- Suitable for dry or damp locations.
- Designed for outdoor or indoor applications.
- Convection cooled in plastic enclosure.
- Compact, lightweight
- Active PFC reduces power consumption.



ELECTRICAL SPECIFICATIONS

INPUT RANGE	: 90 - 264vac, Full range or 100-277VAC
FREQUENCY	: 47 to 63HZ
POWER FACTOR	: > 0.92 at full load, 115VAC
CREST FACTOR	: 1.5 max
INRUSH CURRENT	: 10.0 Amps maximum at 230VAC, cold start, 25°C
INPUT CURRENT	: 0.3 Amps maximum at 115VAC
EFFICIENCY	: 82% typical at maximum load
EMI FILTERING	: 47CFR, Part 2, Part 15 and Cisp PUB, 22 Class B
MAXIMUM POWER	: 17W
CURRENT ACCURACY	: ±1% (When applicable)
LOAD REGULATION	: ±3%
LEAKAGE CURRENT	: 300uA typ.
HOLD UP TIME	: Half cycle minimum at 120VAC and 80% of rated load
PROTECTION	: Over-voltage, Over current and Short circuit protection: Auto-recovery

WARRANTY

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

SAFETY

UL	UL48, Class 2 Compliant
cUL	UL48, Class 2 Compliant
CE	

ENVIRONMENTAL

OPERATING TEMPERATURE	: -30 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	: >100,00 Hours at full load and 25°C ambient conditions (MIL-217F)
EMC	: Compliant to 47CFR, Part 2, Part15 and Cisp PUB, 22 Class B

MODEL NUMBER	CONSTANT VOLTAGE MODE OUTPUT			MODEL NUMBER	CONSTANT CURRENT MODE OUTPUT		
	V (DC)	A (mA)	Watts		V (DC)	A (mA)	Watts
LP1017-36	36, ±5%	470	17	LP1017-36-C0470	18 – 36	470, ±5%	17
LP1017-24	24, ±5%	700	17	LP1017-24-C0700	12 – 24	700, ±5%	17
LP1017-12	12, ±5%	1400	17	LP1017-12-C1400	6 - 12	1400, ±5%	17

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MECHANICAL DRAWING

