

# LP1025-XX Series

25 - 30 Watts | 115 - 277VAC

## PRODUCT FEATURE

- UL1310/ UL879 Class 2 compliant
- Single output, Constant or Constant Voltage design.
- IP66 Compliant
- Designed for outdoor or indoor applications.
- Compact, lightweight in plastic case
- PFC to reduce power consumption
- ELV (trailing-edge) dimmable - Optional



## ELECTRICAL SPECIFICATIONS

INPUT RANGE	: 90 - 264VAC full range or 100 - 277VAC
FREQUENCY	: 47 to 63Hz
POWER FACTOR	: > 0.92 at full load, 115VAC
INRUSH CURRENT	: 20.0 Amps maximum at 230VAC, cold start, 25°C
INPUT CURRENT	: 0.4 Amps maximum at 115VAC
EFFICIENCY	: 85% typical at maximum load
EMI FILTERING	: 47CFR, Part 2, Part 15 and Cisp PUB, 22 Class B
MAXIMUM POWER	: 25 - 30W (Refer to chart below)
CURRENT ACCURACY	: ±1% (When applicable)
LOAD REGULATION	: ±3%
RIPPLE/ NOISE	: N/A
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

## 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
ACOUSTIC NOISE	: Less than 24db (20-20K Hz)

## SAFETY

UL/ cUL	UL1310/ UL879A Class 2 Certified
CE	Certified

## WARRANTY

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

MODEL NUMBER	CONSTANT VOLTAGE MODE OUTPUT			MODEL NUMBER	CONSTANT CURRENT MODE OUTPUT		
	V (DC)	A (mA)	Watts		V (DC)	A (mA)	Watts
LP1025-50	50, ±5%	600	30	LP1025-50C0600	26 – 50	600, ±5%	30
LP1025-42	42, ±5%	700	30	LP1025-42C0700	22 – 42	700, ±5%	30
LP1025-36	36, ±5%	700	25	LP1025-36C0700	18 – 36	700, ±5%	25
LP1025-24	24, ±5%	1040	25	LP1025-24C1040	12 – 24	1040, ±5%	25
LP1025-12	12, ±5%	2080	25	LP1025-12C2080	8 -12	2080, ±5%	25

Project Name:	
Type:	

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## MECHANICAL DRAWING

