

LP1026-XX Series

30 Watts | 100 - 277VAC

PRODUCT FEATURE

- UL18750 Class 2 recognized
- Single output, Constant or Constant Voltage design.
- IP66 Compliant
- Suitable for dry and damp locations
- Designed for outdoor or indoor applications.
- Suitable in standard electrical junction boxes
- Active PFC reduces power consumption.



ELECTRICAL SPECIFICATIONS

INPUT RANGE	: 100 - 304VAC
FREQUENCY	: 47 to 63Hz
PF and THD	: > 0.92 at full load, 115VAC; <20% full load, 230VAC
CREST FACTOR	: 1.5 max
INRUSH CURRENT	: 10.0 Amps maximum at 230VAC, cold start, 25°C
INPUT CURRENT	: 85% typical at maximum load
EFFICIENCY	: 47CFR, Part 2, Part 15 and Cisp PUB, 22 Class B
EMI FILTERING	: 25 - 30W (Refer to chart below)
MAXIMUM POWER	: 30W
TURN ON TIME	: < 1.5 Sec. @ 115VAC
LOAD REGULATION	: ±5%
LEAKAGE CURRENT	: 0.75uA/ 230VAC, Surge Immunity: 4KV
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	UL8750, Class 2 Recognized
cUL	UL8750, Class 2 Recognized
CE	EN61347, EN55015 Compliant

WARRANTY

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

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MODEL NUMBER	CONSTANT VOLTAGE MODE OUTPUT			MODEL NUMBER	CONSTANT CURRENT MODE OUTPUT		
	V (DC)	A (mA)	Watts		V (DC)	A (mA)	Watts
LP1026-15	10 – 18	220 – 2200	24	LP1026-15-Cxxxx	8 – 18	800 – 1350/ 2200	24
LP1026-24	18 – 28	150 – 1500	30	LP1026-24-Cxxxx	12 – 28	500 – 1070/ 1500	30
LP1026-36	28 – 42	100 – 1000	30	LP1026-36-Cxxxx	20 – 42	400 – 700/ 1000	30
LP1026-48	38 – 54	75 – 750	30	LP1026-48-Cxxxx	30 – 54	300 – 560/ 750	30
LP1026-86	N/A			LP1026-86-Cxxxx	45 – 86 (56)	200 – 350/ 530	30

Note:

The output voltage are adjusted at factory per customer's request.

The output current of Constant Current models are adjustable at factory from 50% - 100%.

Model 15, 24, 36 are UL/ cUL compliant; Model 48 and 86 are UL Compliant; 15, 24, 36, 48 are Class 2 except 86 is non-class 2.

MODEL INFORMATION - Single DC Output

LP1026-XX - Constant Voltage Model

XX - Available Output Voltage, refer to chart above.

LP1026-XX-C - Constant Current Model

CC - Stands for Constant Current Model

XXX - Available Output Voltage

YYY - Available Constant Current Setting, 350mA or 700mA or 1050mA

AC Input Cable

AWG #20, two conductors UL PLTC type or equiv.

DC Output Cable

AWG #20, two conductors UL PLTC type or equiv.

