

AC/DC Switching Adapter - Single Output

FEATURES

- 3-pole IEC320-C14 and C6 AC inlet available
- Power ON LED indicator
- Average efficiency > 85% for CEC models
- No load Power consumption < 500mW
- 2 year warranty

ELECTRICAL SPECIFICATIONS

- Input range : 90 - 264VAC
- Frequency : 47 - 63Hz
- Power Factor : > 0.95 @115VAC; > 0.90 @230VAC @full load
- Inrush current : < 25A peak @115VAC; < 50A peak @230VAC cold start @25°C
- Input current (rms) : 2A @90VAC; 1A @264VAC max.
- Efficiency : > 87% @average load, 115/230VAC (Except 12V model)
- Maximum output power (Po) : 120Watts
- Hold-up time : > 10ms typical @full load, 115VAC
- Short Circuit Protection: Auto-recovery
- Over Load Protection: Auto-recovery
- Over Voltage Protection: Shutdown and latch off, AC recycle



RoHS Compliant

Dimension : L170 × W64.8 × H38.5 mm (6.69" × 2.55" × 1.52")

Weight : 0.61 kgs. (1.34 lbs.)

SAFETY STANDARDS

UL 60950-1
CSA C22.2-No.60950-1
TUV EN60950-1
CB IEC 60950-1

EMC STANDARDS

FCC Class B
CISPR22 Class B
EN 55022 Class B
CE

ENVIRONMENTAL

- Operating temperature : 0 to +60°C (Derate linearly 2.5% per °C from 41 to 60°C)
- Storage temperature : -10°C to +70°C
- Humidity: 20% ~ 90%.
- MTBF : > 80,000 hours at full load and 25°C ambient temperature

DC OUTPUT & FEATURES

Model	Output Rating		Po	O/P Regulation	Ripple & Noise(Vp-p)	Efficiency Level
PW-100A-1Y12GPX	12V	8.33A	100W	±5%	120mV	IV
PW-120A-1Y19GPX	19V	6.3A	120W	±5%	190mV	V
PW-120A-1Y24GPX	24V	5A	120W	±5%	240mV	V
* PW-120A-1Y36GPX	36V	3.33A	120W	±5%	360mV	V
* PW-120A-1Y48GPX	48V	2.5A	120W	±5%	480mV	V

- Note:**
1. Ripple and noise are measured at oscilloscope 20MHz bandwidth by a 10uF electrolytic capacitor and a 0.1uF ceramic capacitor in parallel at output connector.
 2. X = B, AC inlet: IEC 320-C14.
 3. X = S, AC inlet: IEC 320-C6.
 4. "*" means Safety Pending for PW-120A-1Y36GPX & PW-120A-1Y48GPX.



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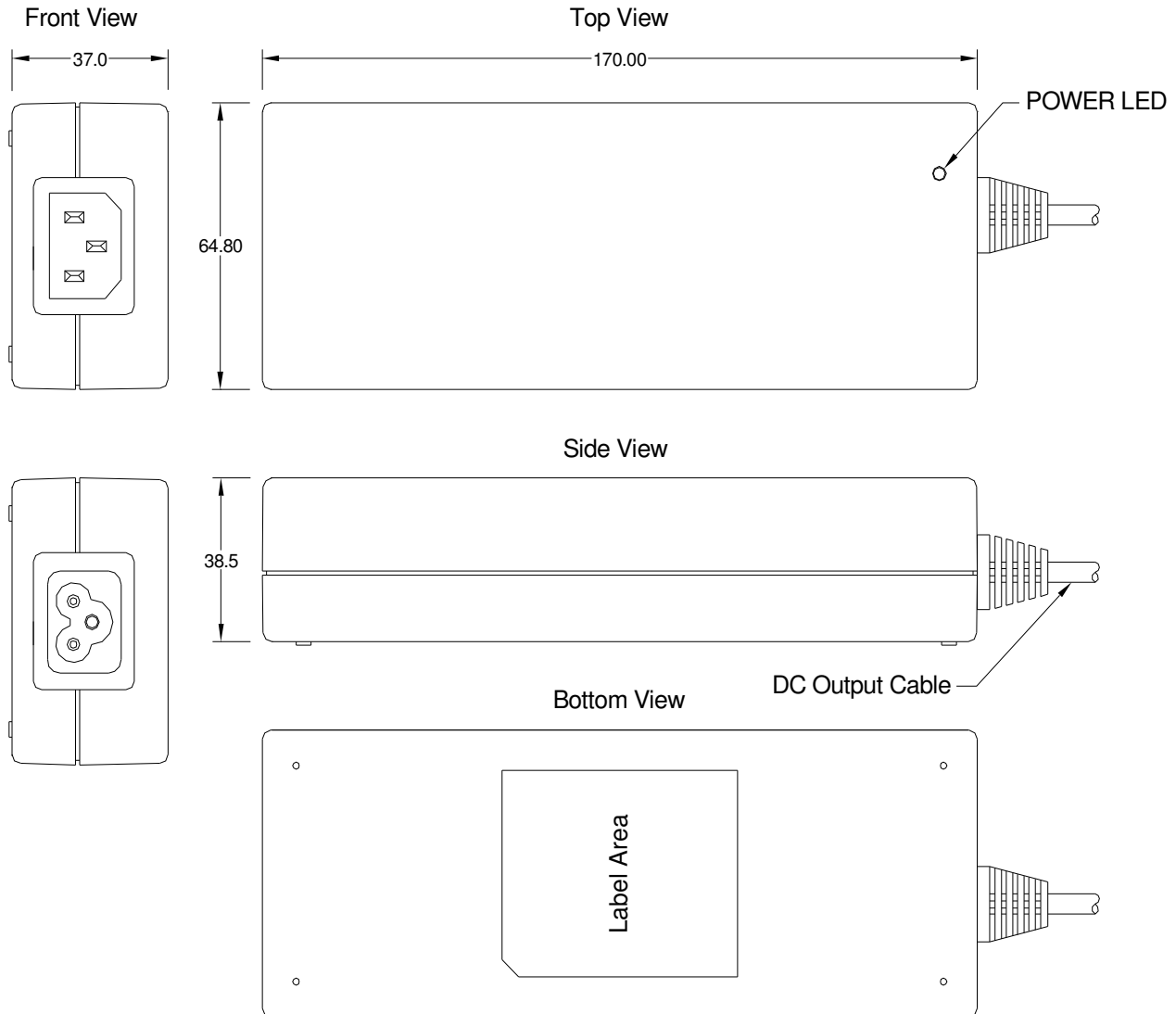
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AC/DC Switching Adapter - Single Output**MECHANICAL SPECIFICATION**

- Note:
1. AC Inlet : IEC320-C14 or IEC320-C6
 2. Plastic Case Color : Black
 3. Tolerance : $\pm 1.0\text{mm}$
 4. Unit : mm

STANDARD OUTPUT CABLE

1. AWM 2464 # 16 AWG / 4C + SHIELDING, UL 80°C 300V VW-1, 1,050 mm.
2. AWM 1571 # 14AWG / 1C + SHIELDING, UL 80°C 300V VW-1, 1,000mm
3. Depends on customers requirements.

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