

AC/DC Switching Adapter - Multiple Outputs

FEATURES

- 3-pole IEC320-C14 AC inlet, with ON/FF switch in front panel
- Built-in 40x40x10mm DC fan with fan speed control
- 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 : > 80% @full load, 115VAC
- Maximum output power (Po) : 150Watts
- Hold-up time : > 10ms typical @full load, 115VAC
- Short Circuit Protection: Auto-recovery. (Shutdown, if w/ +5VSB)
- Over Load Protection: Auto-recovery. (Shutdown, if w/ +5VSB)
- Over Voltage Protection: Auto-recovery. (Shutdown, if w/ +5VSB)

ENVIRONMENTAL

- Operating temperature : 0 to +70°C (Derate linearly 2.5% per °C from 51 to 70°C)
- Storage temperature : -10°C to +70°C
- Humidity: 20% ~ 90%.
- MTBF : >100,000 hours at full load and 25°C ambient temperature



RoHS Compliant

Dimension : L188.5 × W104.5 × H60 mm (7.42" × 4.11" × 2.36")

Weight : 0.98 kgs. (2.16 lbs.)

SAFETY STANDARDS

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

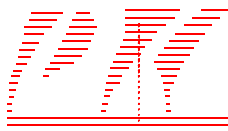
EMC STANDARDS

FCC Class B
 CISPR22 Class B
 EN 55022 Class B
 CE

DC OUTPUT & FEATURES

Model No. : PW-150A2-XY-ZZZE	Output Rating		Po	O/P Regulation	Ripple & Noise(vp-p)
	Vo	Io (max)			
PW-150A2-2Y-A01E	+5V	15A	150W	±5%	50mV
	+19V	5A		±5%	190mV
PW-150A2-2Y-B01E	+5V	15A	150W	±5%	50mV
	+12V	8A		±5%	120mV
PW-150A2-2Y-C01E	+12V	12A	150W	±5%	120mV
	-12V	1.5A		±5%	120mV
PW-150A2-3Y-A01E	+5V	15A	150W	±5%	50mV
	+12V	8A		±5%	120mV
	-12V	1.5A		±5%	120mV
PW-150A2-4Y-A01E	+3.3V	6A	150W	±5%	50mV
	+5V	7A		±5%	50mV
	+12V	8A		±5%	120mV
	-12V	1.5A		±5%	120mV
(Optional)	+5VSB	2A		±5%	50mV

- 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. +5VSB / 2A is optional used in above models.



POWER-WIN TECHNOLOGY CORP.

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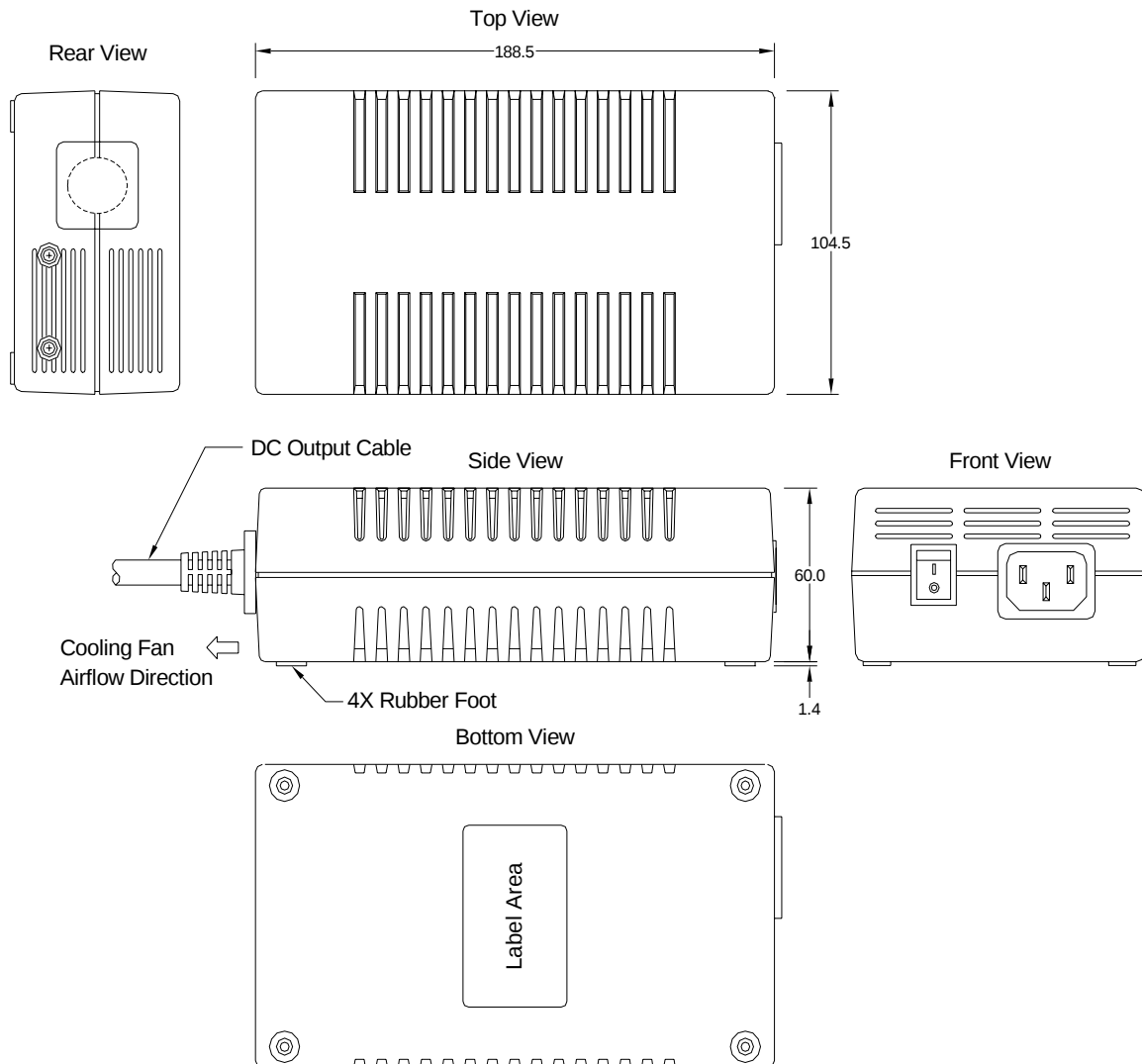
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REV. 5.3

AC/DC Switching Adapter - Triple Outputs

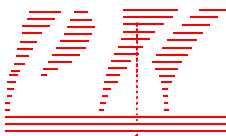
MECHANICAL SPECIFICATION



- Note:
1. AC Inlet : IEC320-C14
 2. Plastic Case Color : Black
 3. Tolerance : $\pm 0.5\text{mm}$
 4. Unit : mm

STANDARD OUTPUT CABLE

1. AWM 2464 # 18 / 20 AWG / 4C ~ 8C + SHIELDING, UL 80°C 300V VW-1, 1,050 mm. (2 ~ 3 Outputs)
2. AWM 2464 # 18C + SHIELDING, UL 80°C 300V VW-1, 1,050 mm. (For OC-09)
3. Depends on customers requirements.



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