

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

**FEATURES**

- 3-pole IEC320-C14 AC inlet, with ON/FF switch in front panel
- Built-in 40x40x10mm DC fan with fan speed control
- Output voltage range from +5V to +48V
- 2 year warranty

**ELECTRICAL SPECIFICATIONS**

- Input range : 90 - 264VAC
- Frequency : 47 - 63Hz
- 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
- Ripple & Noise : ±1%
- Short Circuit Protection: Auto-recovery
- Over Load Protection: Auto-recovery
- Over Voltage Protection: Auto-recovery

**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  
( L7.42" × W4.1" × H2.36" )  
Weight : 0.96 kgs. ( 2.11 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

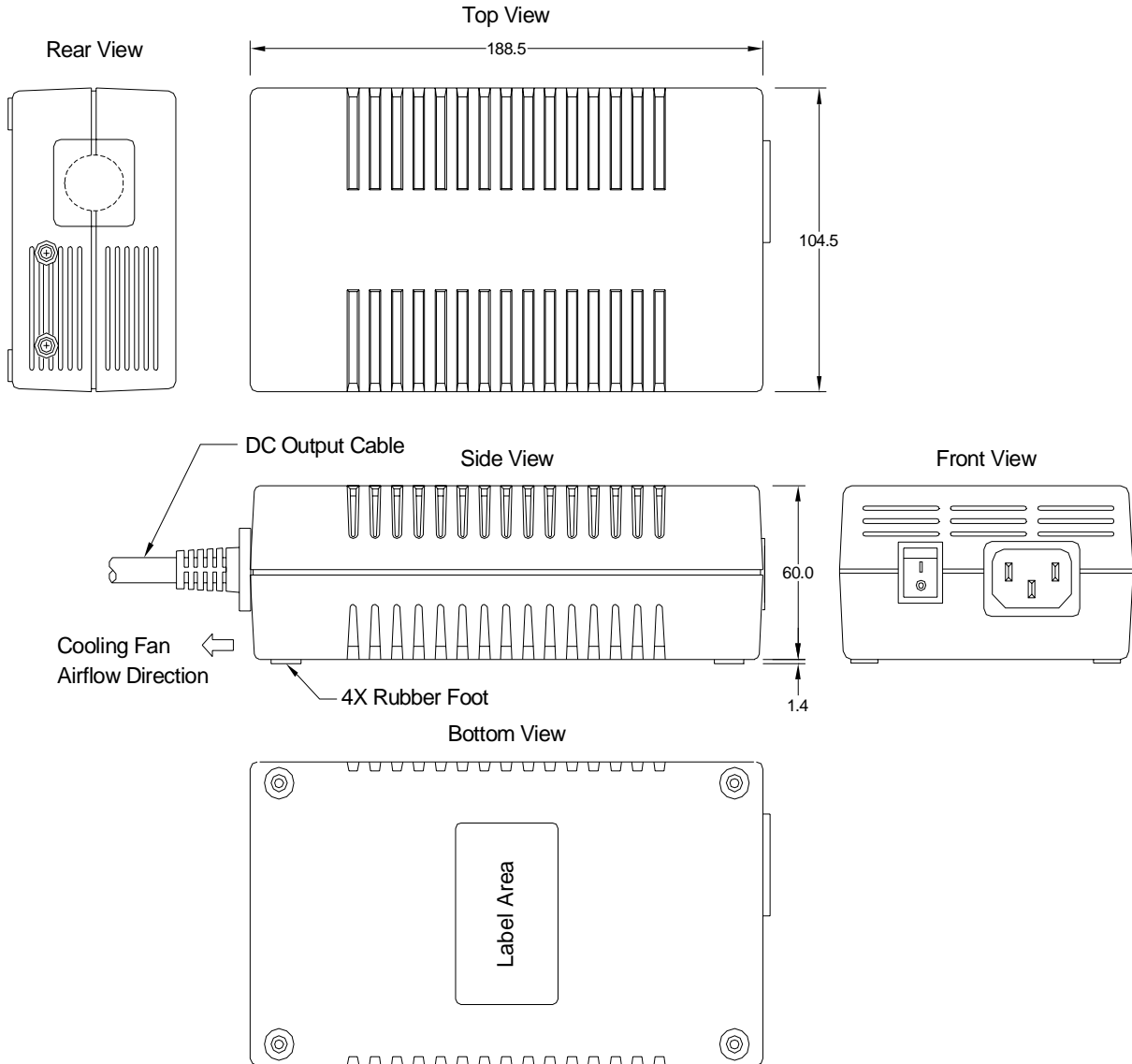
**DC OUTPUT & FEATURES**

Model	Output Rating		Po	Model	Output Rating		Po
※ PW-110A2-1Y-050E	5V	22A	110W	PW-150A2-1Y-170E	17V	8.8A	150W
※ PW-110A2-1Y-060E	6V	18.3A	110W	PW-150A2-1Y-180E	18V	8.3A	150W
※ PW-110A2-1Y-070E	7V	15.7A	110W	PW-150A2-1Y-190E	19V	7.9A	150W
※ PW-130A2-1Y-080E	8V	16.3A	130W	PW-150A2-1Y-200E	20V	7.5A	150W
※ PW-130A2-1Y-090E	9V	14.4A	130W	※ PW-150A2-1Y-210E	21V	7.1A	150W
※ PW-130A2-1Y-100E	10V	13A	130W	※ PW-150A2-1Y-220E	22V	6.8A	150W
※ PW-130A2-1Y-110E	11V	11.8A	130W	※ PW-150A2-1Y-230E	23V	6.5A	150W
PW-150A2-1Y-120E	12V	12.5A	150W	PW-150A2-1Y-240E	24V	6.3A	150W
※ PW-150A2-1Y-130E	13V	11.5A	150W	※ PW-150A2-1Y-320E	32V	4.7A	150W
※ PW-150A2-1Y-140E	14V	10.7A	150W	※ PW-150A2-1Y-330E	33V	4.5A	150W
PW-150A2-1Y-150E	15V	10A	150W	PW-150A2-1Y-360E	36V	4.2A	150W
※ PW-150A2-1Y-160E	16V	9.4A	150W	PW-150A2-1Y-480E	48V	3.1A	150W

- 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. "※" : Safety pending

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**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, 1050 mm.
2. AWM 1185 # 16 AWG / 1C + SHIELDING, UL 80°C 300V VW-1, 1050 mm. (24 ~ 48V)
3. Depends on customers requirements.