

AC/DC Switching Adapter - Single Output

FEATURES

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

ELECTRICAL SPECIFICATIONS

- Input range : 115/230VAC
- Frequency : 47 - 63Hz
- Inrush current : < 30A peak @115VAC; < 60A peak @230VAC cold start @25°C
- Input current (rms) : 2A @90VAC; 1A @264VAC max.
- Efficiency : > 70% @full load, 115VAC
- Maximum output power (Po) : 100Watts
- Hold-up time : > 10ms typical @full load, 115VAC
- Ripple & Noise : ±1%
- Short Circuit Protection: Shutdown and latch off, AC recycle
- Over Load Protection: Shutdown and latch off, AC recycle
- Over Voltage Protection: Shutdown and latch off, AC recycle

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	Model	Output Rating		Po
PW-080A-1Y05E	5V	16A	80W	PW-100A-1Y17E	17V	5.88A	100W
PW-080A-1Y06E	6V	13.33A	80W	PW-100A-1Y18E	18V	5.55A	100W
PW-080A-1Y07E	7V	11.42A	80W	PW-100A-1Y19E	19V	5.26A	100W
PW-080A-1Y08E	8V	10A	80W	PW-100A-1Y20E	20V	5A	100W
PW-080A-1Y09E	9V	8.8A	80W	PW-100A-1Y21E	21V	4.76A	100W
PW-080A-1Y10E	10V	8A	80W	PW-100A-1Y22E	22V	4.54A	100W
PW-080A-1Y11E	11V	7.72A	80W	PW-100A-1Y23E	23V	4.34A	100W
PW-080A-1Y12E	12V	6.66A	80W	PW-100A-1Y24E	24V	4.16A	100W
PW-080A-1Y13E	13V	6.15A	80W	PW-100A-1Y32E	32V	3.13A	100W
PW-080A-1Y14E	14V	5.71A	80W	PW-100A-1Y33E	33V	3.03A	100W
PW-100A-1Y15E	15V	6.66A	100W	PW-100A-1Y36E	36V	2.78A	100W
PW-100A-1Y16E	16V	6.25A	100W	PW-100A-1Y48E	48V	2.09A	100W

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.



RoHS Compliant

Dimension : L188.5 × W104.5 × H60 mm
(L7.42" × W4.1" × H2.36")
Weight : 1.05 kgs. (2.31 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



POWER-WIN TECHNOLOGY CORP.

5F-6, No. 79, Sec. 1, Hsin-Tai 5th Road, Shi-Chi, New Taipei City, 22101 Taiwan, R.O.C.

Tel : 886-2-26983989(Rep) Fax : 886-2-26983978

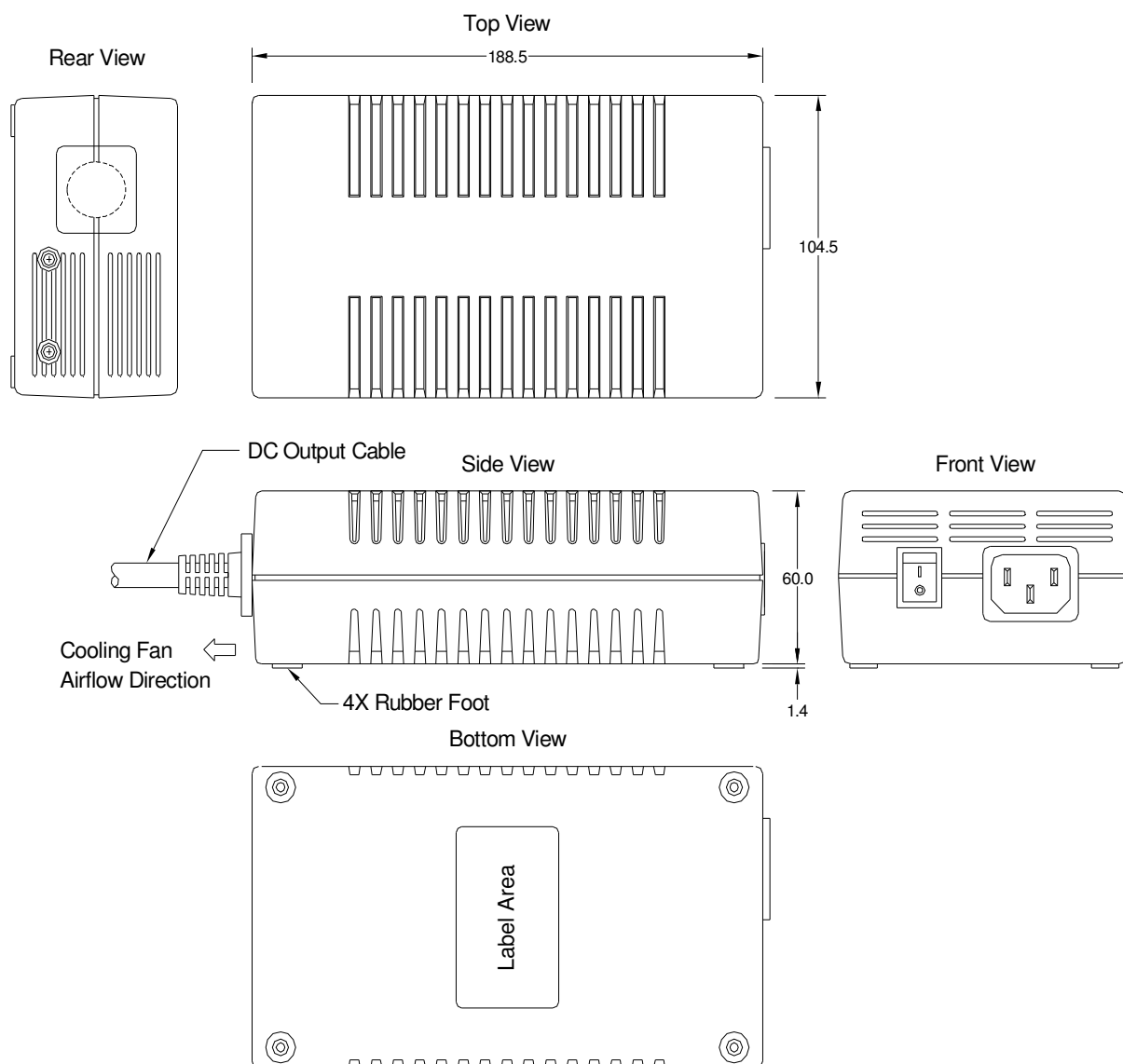
http : //www.power-win.com

E-Mail : sales@power-win.com

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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 + SHIELDING, UL 80°C 300V VW-1, 1050 mm.
2. AWM 1185 # 18 AWG / 1C + SHIELDING, UL 80°C 300V VW-1, 1050 mm.
3. Depends on customers requirements.



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