

POWER-WIN TECHNOLOGY CORP.

www.power-win.com

AC/DC Switching Adapter - Single Output

FEATURES

- High Reliability
- 100% BURN-IN Tested
- 100% Hi-Pot tested
- 40 mm cooling fan w/ fan speed control
- Safety Approvals, EMC compliance

ELECTRICAL SPECIFICATIONS

- Input range : 90 - 264VAC (Full Range)
- Frequency : 47 - 63Hz
- Input current (rms) : 3A @ 90VAC; 1.5A @ 264VAC MAX.
- Power factor : >0.9 @ full load, 115VAC/230VAC
- Efficiency : >87% @ AVG. load 115/230 VAC
- Meet CEC and Energy Star level IV requirements.
- Green functions=No load power consumption <500mW
- Output Voltage : +12V to +48V
- Voltage regulation : $\pm 5\%$
- Maximum power (Po) : 200W

- Hold-up time : >16ms typical at full load @ 115VAC
- Protection :
 - ◆ Short Circuit Protection: Auto Recover.
 - ◆ Over Load Protection: Auto Recover.
 - ◆ Over voltage Protection: Latch, AC recycle.

ENVIRONMENTAL

- Operating temperature : 0°C to +50°C
- Storage temperature : -10°C to +85°C
- Humidity: 20% ~ 90%.
- MTBF : >140,000 hours at full load and 25°C ambient temperature

DC OUTPUT & FEATURES

Model	Output Rating		Po	O/P Regulation	Ripple & Noise(Vp-p)	CEC	Energy Star Level
PW-200A3-1Y120E	12V	16.66A	200W	$\pm 5\%$	240mV	IV	IV
PW-200A3-1Y160E	16V	12.50A	200W	$\pm 5\%$	300mV	IV	V
PW-200A3-1Y190E	19V	10.53A	200W	$\pm 5\%$	300mV	IV	V
PW-200A3-1Y200E	20V	10A	200W	$\pm 5\%$	300mV	IV	V
PW-200A3-1Y240E	24V	8.33A	200W	$\pm 5\%$	300mV	IV	V
PW-200A3-1Y360E	36V	5.555A	200W	$\pm 5\%$	300mV	IV	V
PW-200A3-1Y480E	48V	4.166A	200W	$\pm 5\%$	300mV	IV	V

Note: 1. Peak-to-peak with 20MHz bandwidth with a tantalum 10uF in parallel with a 0.1uF ceramic capacitor.

AD-A5 V3 Series 200 Watts

With Active PFC



Dimension : L 188.5 x W 104.5 x H 60 mm
(L 7.42" x W 4.1" x H 2.36")
AC Input : IEC 320-C14 Inlet

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



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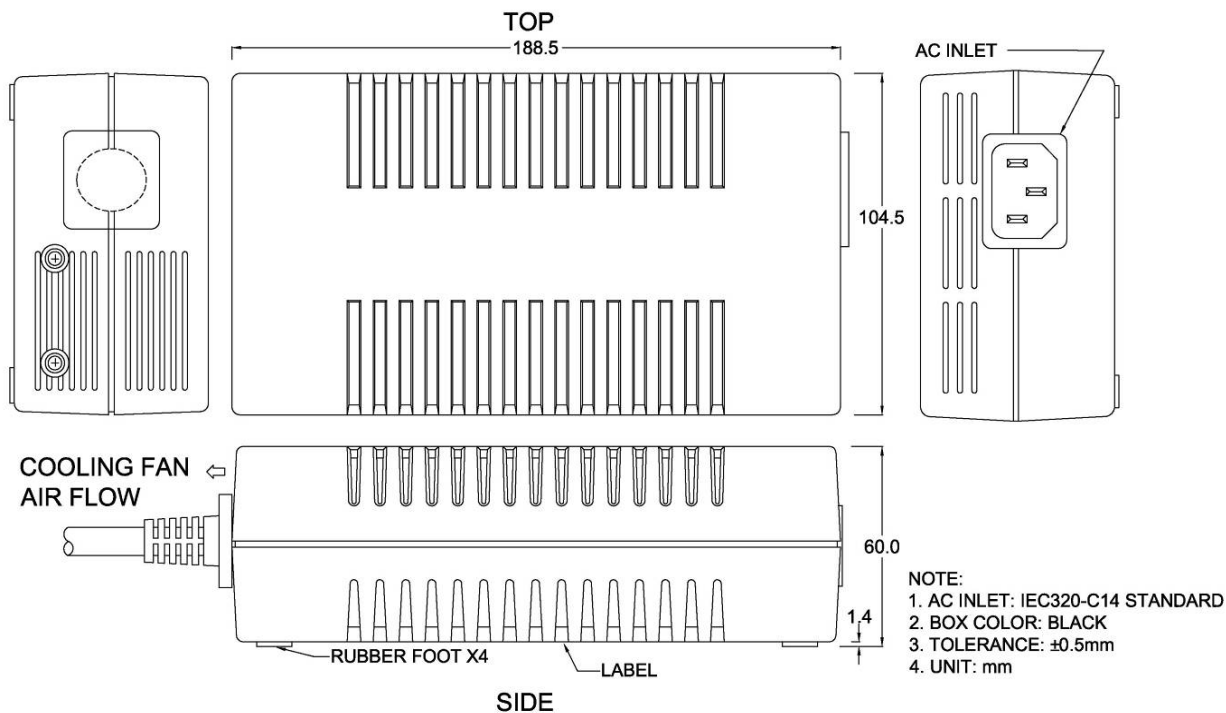
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http : //www.power-win.com

E-Mail : sales@power-win.com

REV.B

MECHANICAL SPECIFICATION



STANDARD OUTPUT CABLE

1. AWM 2464 # 16AWG / 4C + SHIELDING, UL 80°C 300V VW-1, 1000 mm \pm 30mm(MIN)
2. Depends on customers requirements.



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