

POWER-WIN TECHNOLOGY CORP.

www.power-win.com

AC/DC Switching Adapter - Single Output

AD-A5 Series 100 Watts

FEATURES

- High Reliability
- 100% BURN-IN Tested
- 100% Hi-Pot tested

ELECTRICAL SPECIFICATIONS

- Input range : 115 / 230VAC (Auto Range)
- Frequency : 47 - 63Hz
- Input current (rms) : 2A @ 90VAC; 1A @ 264VAC MAX.
- Efficiency : >70% @ full load, 115VAC
- Maximum power (Po) : 100W
- Ripple & Noise : 1%
- Hold-up time : >10ms typical at full load @ 115VAC
- Protection :
 - ◆ Short Circuit Protection: Latch, AC recycle.
 - ◆ Over Load Protection: Latch, AC recycle.
 - ◆ Over voltage Protection: Latch AC recycle.



Dimension : L 188.5 × W 104.5 × H 60 mm

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

ENVIRONMENTAL

- Operating temperature : 0°C to +40°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. Peak-to-peak with 20MHz bandwidth with a tantalum 10uF in parallel with a 0.1uF ceramic capacitor.



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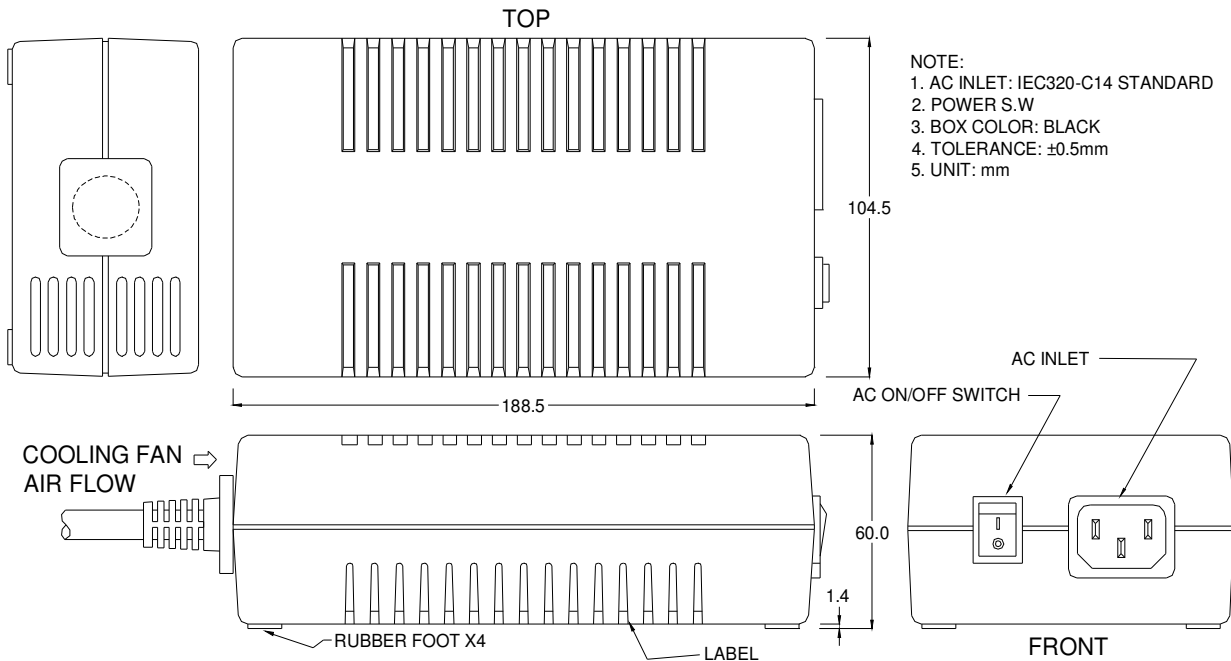
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E-Mail : sales@power-win.com

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MECHANICAL SPECIFICATION



STANDARD OUTPUT CABLE

1. AWM 1185 # 18 AWG / 1C + SHIELDING, UL 80°C 300V VW-1, 1050 mm.
2. AWM 2464 # 18 / 20 AWG / 4C + SHIELDING, UL 80°C 300V VW-1, 1050 mm.
3. Depends on customers requirements.



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