

AC/DC Switching Adapter-Single Output

FEATURES

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

ELECTRICAL SPECIFICATIONS

- Input range : 90-264VAC (Full Range)
- Frequency : 47 - 63Hz
- Power factor : >0.9 (20%~100% Load)
- Input current (rms) : 2.5A @ 90VAC; 1A @ 264VAC MAX
- Efficiency : >80% @ full load, 115VAC
- Output Voltage : +5V ~ +48V
- Voltage regulation : ±3%
- Maximum power (Po) : 150W
- Ripple & Noise : 1%
- Hold-up time : >16ms typical at full load @ 115VAC
- Protection : Over voltage protection(OVP), AC recycle
Short circuit protection, Auto recover

PT Series 110-150 Watt

With Active PFC



Dimension : L188.5×W104.5×H60mm
AC Input : IEC 320-C14 Inlet

SAFETY STANDARDS

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

EMI STANDARDS

- FCC Class B
- CISPR22 Class B
- EN 55022 Class B
- EN 61000-3-2
- CE

ENVIRONMENTAL

- Operating temperature : 0°C to +50°C
- Storage temperature : -10°C to +70°C
- MTBF : >100,000 hours at full load and 25°C ambient temperature

DC OUTPUT & FEATURES

Model	Output Rating		Po
PT110-05B	5V	22A	110W
PT110-06-B	6V	18.3A	110W
PT110-06-B	7V	15.7A	110W
PT130-08-B	8V	16.3A	130W
PT130-09-B	9V	14.4A	130W
PT130-10-B	10V	13A	130W
PT130-11-B	11V	11.8A	130W
PT150-12-B	12V	12.5A	150W
PT150-13-B	13V	11.5A	150W
PT150-14-B	14V	10.7A	150W
PT150-15-B	15V	10A	150W
PT150-16-B	16V	9.4A	150W
PT150-17B	17V	8.8A	150W
PT150-18-B	18V	8.3A	150W
PT150-19-B	19V	7.9A	150W
PT150-20-B	20V	7.5A	150W
PT150-21-B	21V	7.1A	150W
PT150-22-B	22V	6.8A	150W
PT150-23-B	23V	6.5A	150W
PT150-24-B	24V	6.3A	150W
PT150-32-B	32V	4.7A	150W
PT150-33-B	33V	4.5A	150W
PT150-36-B	36V	4.2A	150W
PT150-48-B	48V	3.1A	150W

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



SMP TECHNOLOGY, INC.

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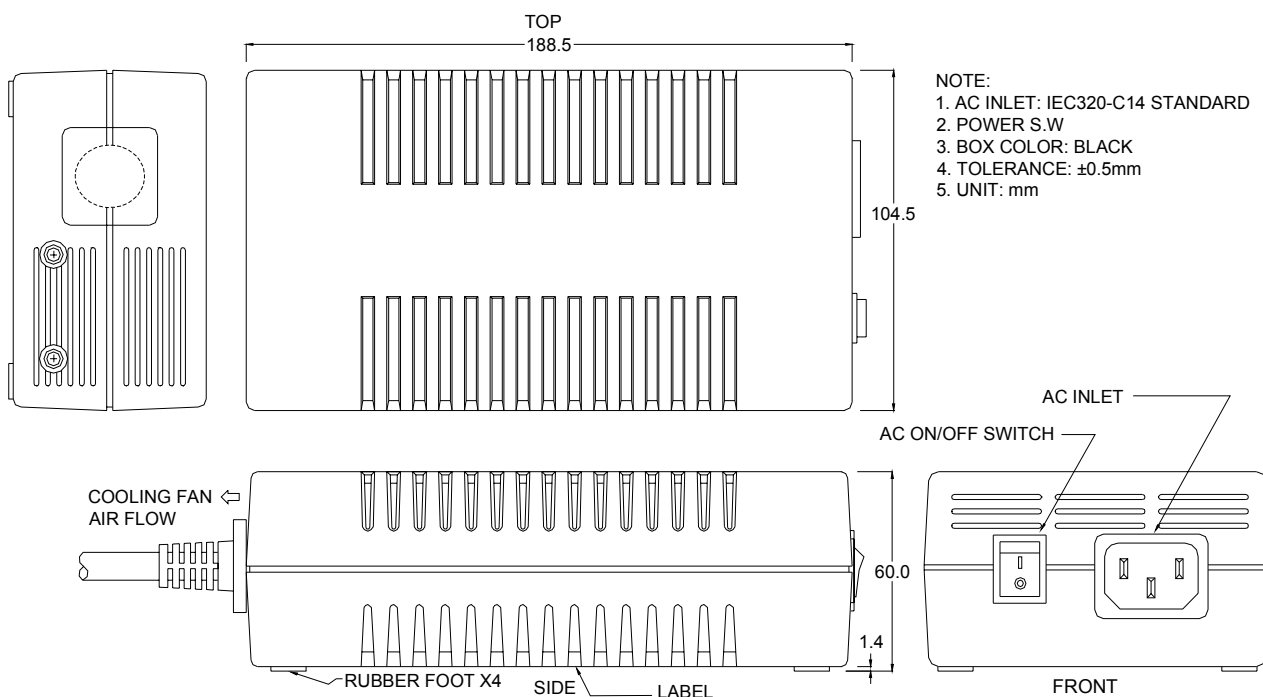
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MECHANICAL SPECIFICATION



STANDARD OUTPUT CABLE

1. AWM 2464#18-20AWG/4C~8C+SHIELDING, UL 80°C 300V VW-1, 1050mm.
2. AWM 1185#16AWG/1C+SHIELDING, UL 80°C 300V VW-1, 1050mm.(24~48V)
3. Depends on customers requirements.



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