

## AC/DC Switching Adapter-Multiple Outputs

### 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 : +5 Vsb, V1, V2, V3, V4; Max. 5 outputs
- Voltage regulation : +5Vsb, V1, V2; ±5%; V3, V4; ±10%
- 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

### DC OUTPUT & FEATURES

Model	Output Rating		Po(Max.)	O/P Regulation	Ripple & Noise (Vp-p)
	Vo	Io (max)			
PT150-2A-B	+5V	15A	150W	5%	50mV
	+19V	5A		5%	190mV
PT150-2B-B	+5V	15A	150W	5%	50mV
	+12V	8A		5%	120mV
PT150-2C-B	+12V	12A	150W	5%	120mV
	-12V	1.5A		5%	120mV

- Note:**
1. Peak-to-peak with 20MHz bandwidth with a tantalum 10uF in parallel with a 0.1uF ceramic capacitor.
  2. +5VSB/2A is optional used in above models.
  3. Total output power is 150W maximum.

## PT150 Series 150 Watts

### 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

### ORDERING INFORMATION

**MODEL: PT-150A2-XY-ZZZ**  
Any dual to 5 outputs combined are available.  
1. Please contact us for your requirements.  
2. X=Number of outputs  
ZZZ=Outputs representative.

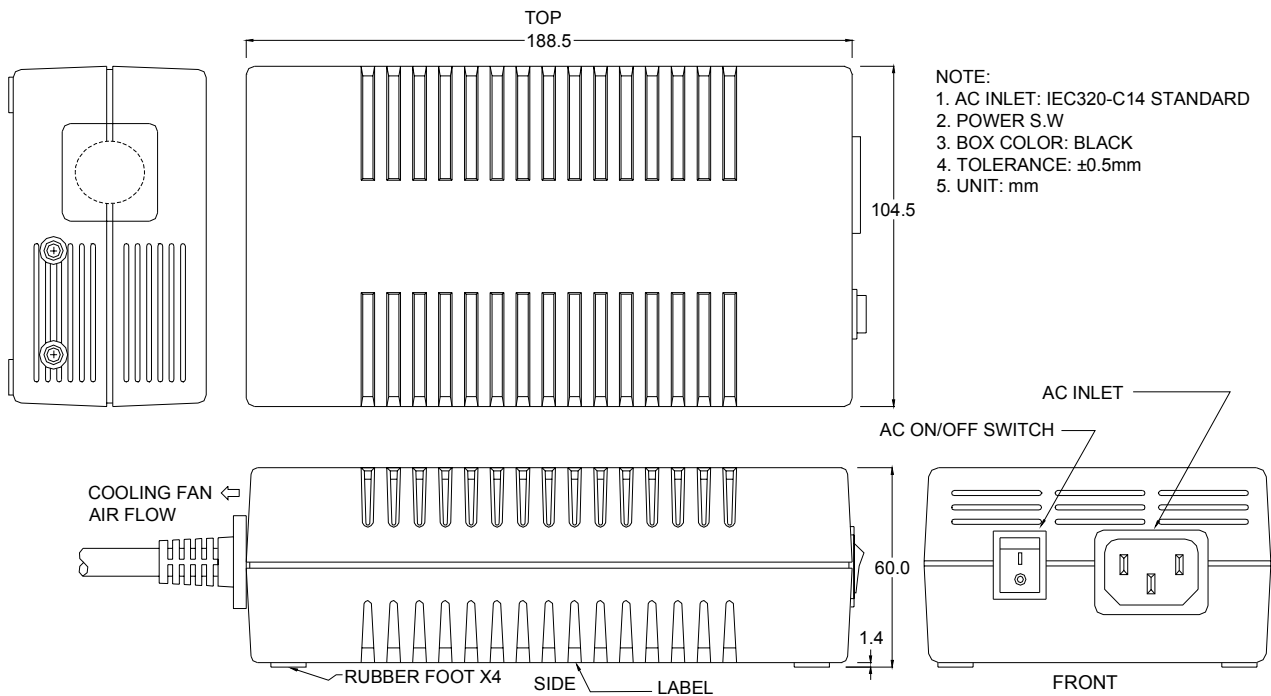


### SMP TECHNOLOGY, INC.

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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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