

AC/DC Switching Adapter-Single Output

PTA Series 150 Watt

FEATURES

- DOE Level VI Efficiency
- EU Tier 2 Efficiency
- Safety Approvals, EMC compliance
- 3 Year Warranty

ELECTRICAL SPECIFICATIONS

- Input range : 90-264VAC (Full Range)
- Frequency : 47 - 63Hz
- Power factor : >0.95 @ 115VAC;>0.90 @ 240 VAC Full Load
- Input current (rms) : 2.5A @ 90VAC; 1.25A @ 264VAC MAX
- Efficiency : >89% @ average load, 115/230 VAC
- Output Voltage : +12 V ~ +48 V
- Maximum power (Po) : 150W
- Hold-up time : >16ms typical at full load @ 115VAC
- Protection : Over voltage protection - Shut Down & Latch Off,
AC recycle
Short circuit protection: Auto recovery
Over load protection: Auto Recovery



Dimension : L170×W85×H44mm
AC Input : IEC 320-C14 Inlet

SAFETY STANDARDS

- UL 60950-1
- CSA C22.2 No.60950-1
- TUV EN60950-1
- CB IEC 60950-1

EMI STANDARDS

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

ENVIRONMENTAL

- Operating temperature : 0°C to +60°C
- Storage temperature : -10°C to +85°C
- MTBF : >140,000 hours at full load and 25°C ambient temperature

DC OUTPUT & FEATURES

Model	Output Rating		Po	Output Regulation	Ripple & Noise (Vp-p)	Efficiency Level
PTA150-12	12V	11.67A	140W	+/- 5%	240 mV	VI
PTA150-16	16V	9.38A	150W	+/- 5 %	320 mV	VI
PTA150-19	19V	7.90A	150W	+/- 5%	380 mV	VI
PTA150-24	24V	6.25A	150W	+/- 3 %	480 mV	VI
PTA150-36	36V	4.17A	150W	+/- 3%	480 mV	VI
PTA150-48	48V	3.13A	150W	+/- 3%	480 mV	VI

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



SMP TECHNOLOGY, INC.

5900 Butler Lane, Scotts Valley, CA 95066

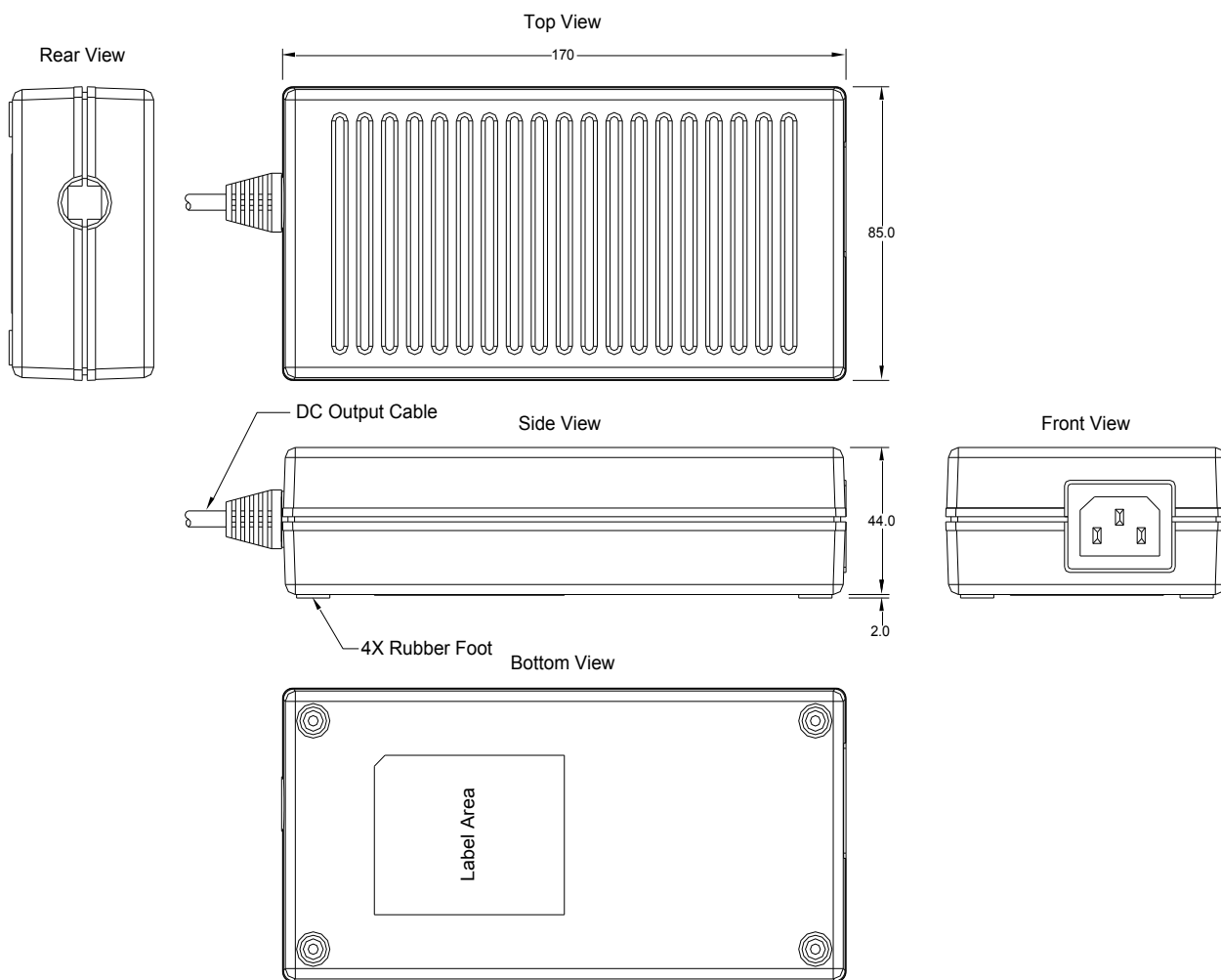
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MECHANICAL SPECIFICATION



STANDARD OUTPUT CABLE

1. AWM 1571#14/1C+SHIELDING, UL 80°C 300V VW-1, 1050mm.(12-24V)
2. AWM 1185#16AWG/1C+SHIELDING, UL 80°C 300V VW-1, 1050mm.(36~48V)
3. Depends on customers requirements.



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