



**DOE Level VI
Efficiency Compliant**

PZ 200 Series 200 Watts

AC/DC Switching Adapter- Single Output

FEATURES

- Meet DOE Level VI Efficiency Requirements
- 1 Year Warranty
- FCC Part 15 Class B, Compliance
- Safety Approvals, EMC compliance
- IEC 60950 / 2nd Edition
- Regulated Output with Low Ripple Noise
- Convection Cooling

ELECTRICAL SPECIFICATIONS

- Input range : 90-264 VAC (Full Range)
- Frequency : 50 - 60 Hz
- Power factor : ≥ 0.90 @115 VAC and 230 VAC, At Full Load
- Input current : 2.8 A Max.
- Efficiency : 88% @ average load 115/230 VAC
- Maximum power (Po) : 200W
- Inrush current : 100 A Max. /240Vac(Col
- Ripple & Noise : 1%-2% Vp-p Max at Output Voltage
- Hold-up time : 10ms typical at full load @ 115VAC
- Protection : Over Voltage Protection(OVP)
Over Current Protection (OCP)
Short Circuit Protection (SCP)
Over Temperature Protection (OTP)



Shown With & Without On/Off Switch

Dimension : L 183.2×W 81.0×H 42.3 mm

AC Input : IEC 320-C14 Inlet

SAFETY STANDARDS

UL, CUL
TUV EN60950-1
CB IEC 60950-1
PSE
GS

EMI STANDARDS

EN 55022 Class B
C E; FCC Class B

ENVIRONMENTAL

- Operating temperature : 0°C to +40°C Humidity 20% - 80%
- Storage temperature : -10°C to +70°C Humidity 10% - 90%
- MTBF : >300,000 hours (Calculated Hours at 25°C ambient temperature)

DC OUTPUT & FEATURES

Model	Output Rating		Po(Max.)	O/P Regulation	Ripple & Noise (Vp-p)	Efficiency Level
	Vo	Io (max)				
PZ200-12-X	12V	16.0 A	192W	5%	150mV	VI
PZ200-13-X	13V	14.0 A	189W	5%	200mV	VI
PZ200-18-X	18V	11.0 A	200W	5%	200mV	VI
PZ200-19-X	19V	10.5 A	200W	5%	200mV	VI
PZ200-20-X	20V	10.0 A	200W	5%	200mV	VI
PZ200-34-X	24V	8.3 A	200W	5%	200mV	VI
PZ200-48-X	48V	4.2 A	200W	5%	200mV	VI

"X"= 0 No On/Off Power Switch

"X"= 1 With On/Off Power Switch

Note: 1. Ripple and Noise are measured at oscilloscope 20MHz bandwidth with a electrolytic 10uF and 0.1uF ceramic capacitor in parallel at the output connector.



SMP TECHNOLOGY, INC.

5900 Butler Lane, Scotts Valley, CA 95066

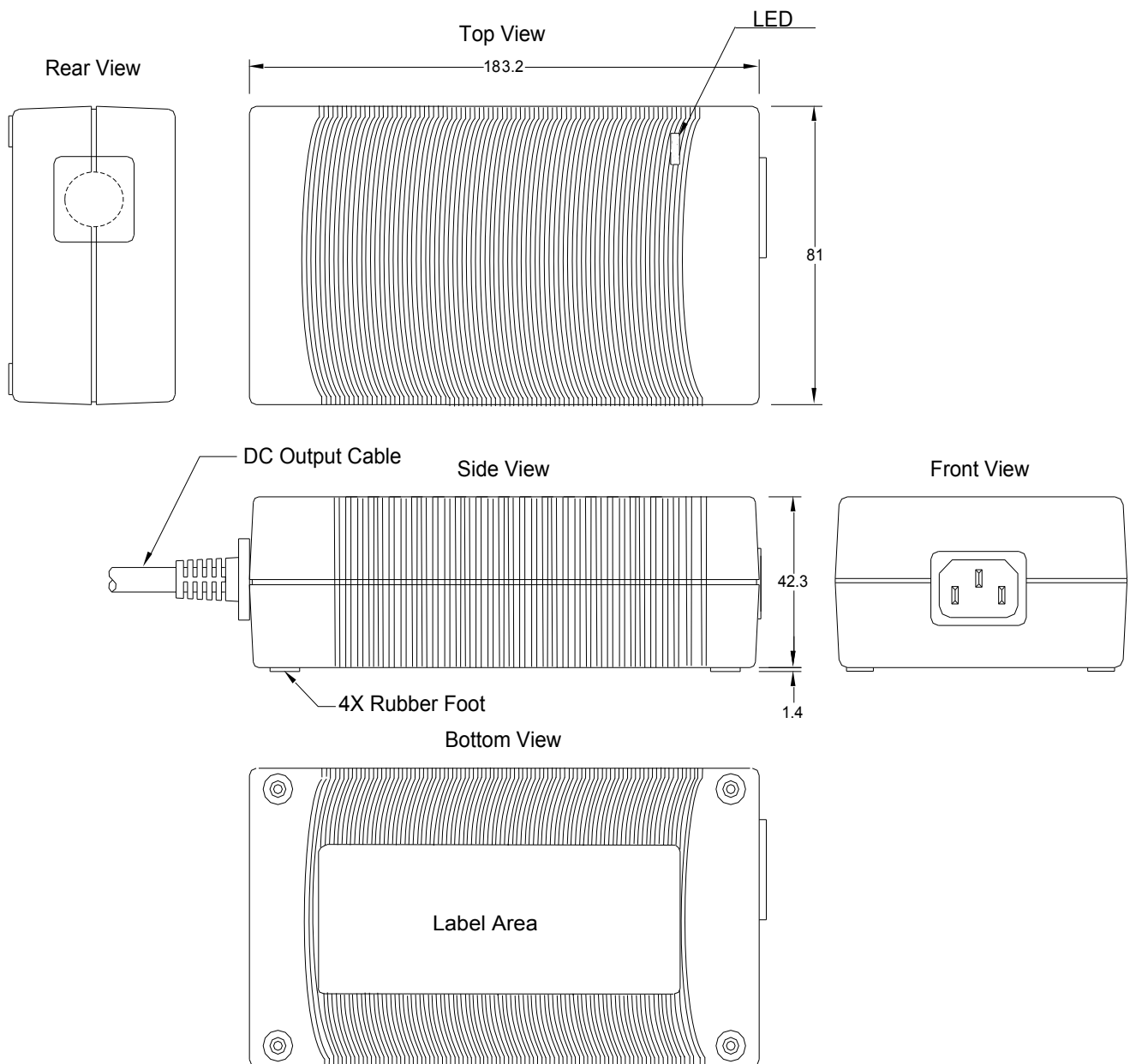
Tel : (831) 440-9191 Fax : (831) 427-7570

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AC/DC Switching Adapter-Single Output

MECHANICAL SPECIFICATION



NOTES:

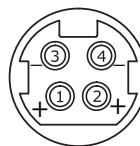
CASE COLOR: Black

AC INLET: IEC320-C14

DC CABLE: UL2468 16AWG Length = 1200mm

TOLERANCE: $\pm 0.5\text{mm}$

STANDARD OUTPUT CONNECTOR: 4 Pos. Power Mini Din Male



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