



**DOE Level VI
Efficiency Compliant**

SAD20 Series

AC/DC Switching Adapter- Single Output

FEATURES

- Meet DOE Level VI Efficiency Requirements
- 2 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 : AC 90-264V
- Frequency : 50 - 60 Hz
- Dielectric Withstanding Voltage: 3,000 VAC
- Input current : 2.8 A Max.
- Efficiency : Meets DOE Level VI Requirements
- Maximum power (Po) : 10 - 12 Watts
- Inrush current : 30 A Max. /240Vac
- Ripple & Noise : 1%-2% Vp-p Max at Output Voltage
- Hold-up time : 10ms typical at full load @ 115VAC
- Protection : Over Current Protection (OCP)
Short Circuit Protection (SCP)
Over Temperature Protection (OTP)



Dimension : L 48×W 35×H 23mm

SAFETY STANDARDS

UL,CUL
CCC
PSE
FCC

ENVIRONMENTAL

- Operating temperature : 0°C to +40°C Humidity 20% - 80%
- Storage temperature : -20°C to +85°C Humidity 10% - 90%
- MTBF : 50,000 hours (CalculatedHours at 25°C ambient temperature)

DC OUTPUT & FEATURES

Model	Output Rating	Minimum Load	Maximum Load	PO Max	Average Efficiency
SAD203	+3.0V	0 A	2A	6W	85% Min.
SAD233	+3.3V	0 A	2A	6W	85% Min.
SAD245	+4.5V	0 A	1.6A	7W	85% Min.
SAD250	+5.0V	0 A	2A	10W	85% Min.
SAD260	+6.0V	0 A	1.8A	10W	85% Min.
SAD290	+9.0V	0 A	1.3A	11.7W	85% Min.
SAD210	+10V	0 A	1.2A	12W	85% Min.
SAD212	+12V	0 A	1A	12W	85% Min.

ORDERING CODE

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Output Connector

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.



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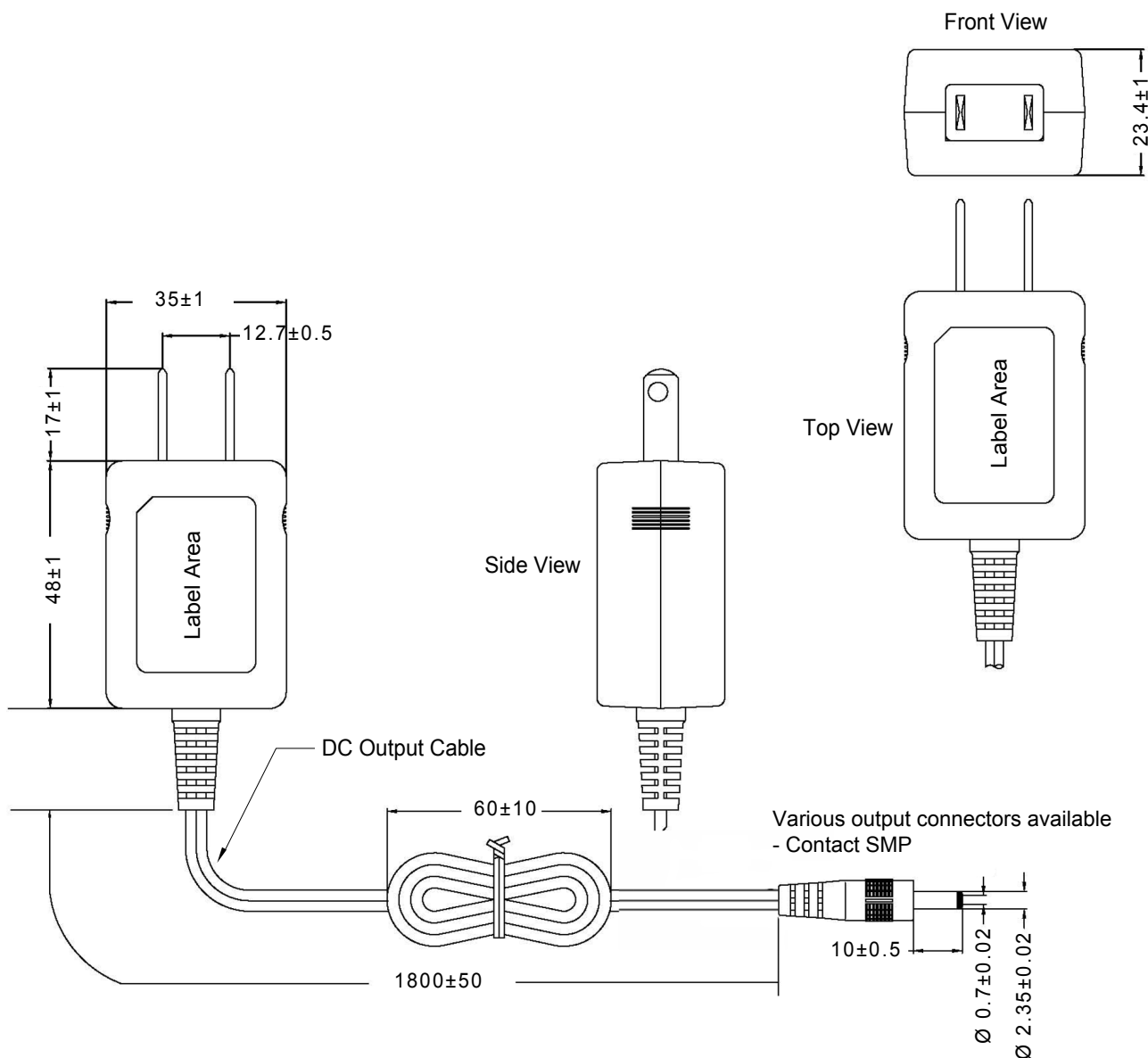
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NOTES:

CASE COLOR: Black

PLUG: Type A

DC CABLE: UL2468 22AWG Length = 1800mm

TOLERANCE: ± 0.5 mm



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