

AC/DC Switching Adapter - Single Output

FEATURES

- Medical 60601-1 3rd Edition approved
- Equiped with interchangeable AC clips for worldwild applications
- Power ON LED indicator
- Fully meet CEC, ERP,EISA, and Energy Star level V requirements.
- Meet UL 1310 NEC Class 2 requirement.
- Output Voltage : +5V to +48V
- No load Power consumption < 300mW
- 2 year warranty

ELECTRICAL SPECIFICATIONS

- Input range : 90 - 264VAC
- Frequency : 47 - 63Hz
- Inrush current : < 30A peak @115VAC; < 60A peak @230VAC cold start @25°C
- Input current (rms) : 0.7A @90VAC; 0.35A @264VAC max.
- Maximum output power (Po) : 24Watts
- Hold-up time : > 10ms typical @full load, 115VAC
- Short Circuit Protection: Auto-recovery.
- Over Load Protection: Auto-recovery.
- Over Voltage Protection: Shutdown and latch off, AC recycle



Dimension : L79.5 × W50.0 × H72.1 mm (3.13" × 1.97" × 2.84")
Weight : 0.16 kgs. max. (0.35 lbs.)

SAFETY STANDARDS

UL60601-1 3rd Edition
CSA-C22.2 No.60601-1 3rd Edition
EN60601-1 3rd Edition
IEC EN60601-1 3rd Edition

EMC STANDARDS

EN60601-1-2
FCC Part 18 Class B
EN55011 Class B
CE

ENVIRONMENTAL

- Operating temperature : -20 to +60°C (Derate linearly 2.5% per °C from 41 to 60°C)
- Storage temperature : -20°C to +85°C
- Humidity: 20% ~ 90%.
- MTBF : >150,000 hours at full load and 25°C ambient temperature

DC OUTPUT & FEATURES

Model	Output Rating		Po	O/P Regulation	Ripple & Noise(Vp-p)	Energy Star Level
MIS-015-05X	+ 5V	3.00A	15W	+5% / -3%	50mV	✓
MIS-024-09X	+ 9V	2.67A	24W	+5% / -3%	90mV	✓
MIS-024-12X	+ 12V	2.00A	24W	+5% / -3%	120mV	✓
MIS-024-16X	+ 16V	1.50A	24W	+5% / -3%	160mV	✓
MIS-024-18X	+ 18V	1.34A	24W	+5% / -3%	180mV	✓
MIS-024-24X	+ 24V	1.00A	24W	+5% / -3%	240mV	✓
MIS-024-36X	+ 36V	0.67A	24W	+5% / -3%	360mV	✓
MIS-024-48X	+ 48V	0.50A	24W	+5% / -3%	480mV	✓

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

X= USA Type; E= E uropean Type ; A= Australia Type ; K= UK Type



SMP TECHNOLOGY, INC.

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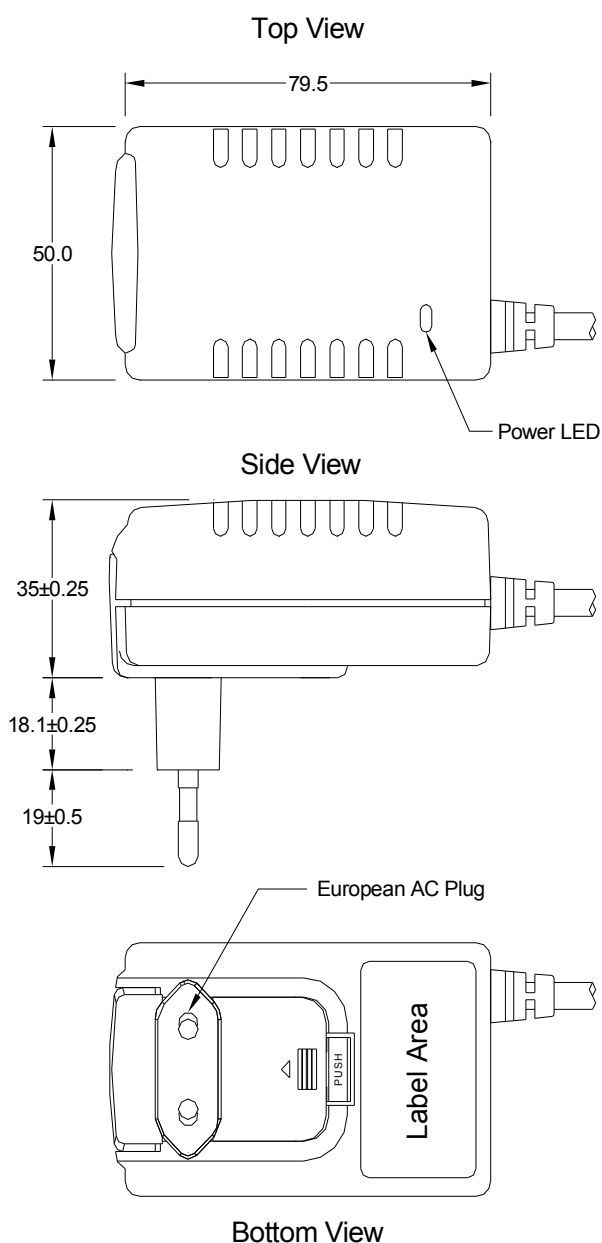
http : //www.smp-tech.com

E-Mail : sales@smp-tech.com

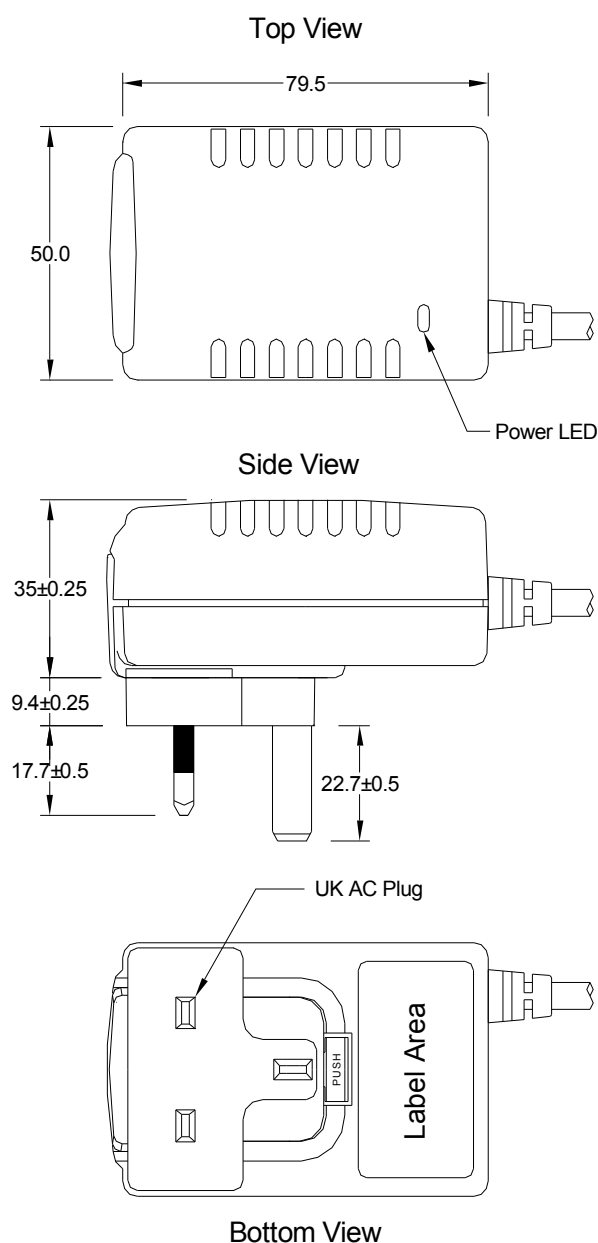
AC/DC Switching Adapter-Single Output

MECHANICAL SPECIFICATION

European Type



UK Type



NOTES:

1. AC Inlet: IEC320-C8
2. Plastic Case Color: Black
3. Tolerance: $\pm 0.5\text{mm}$
4. Unit: mm



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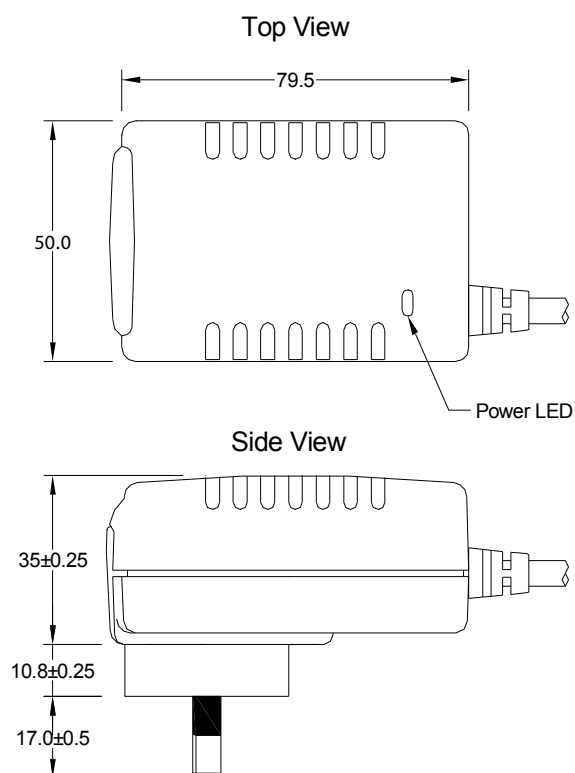
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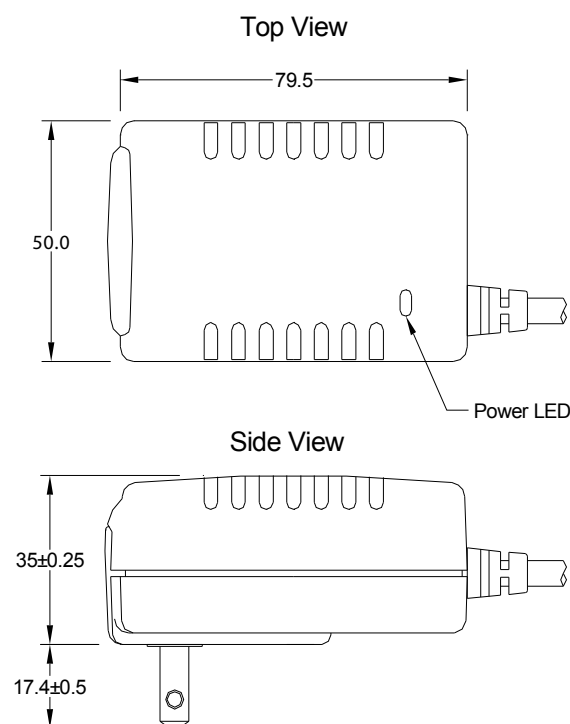
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MECHANICAL SPECIFICATION

Australia Type



USA Type



STANDARD OUTPUT CABLE

1. AWM1185 # 18 AWG / 1C + SHIELDING, UL 80°C 300V VW, 1550mm
2. Depends on customers requirements.

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