

5 7 #8 7 'Dck Yf '5 XUdhYf

24Watts Series

AC/DC Switching Adapter - Single Output

FEATURES

- Equipped with interchangeable AC clips for worldwid 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
- 3 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

RoHS Compliant

Dimension : L79.5 x W50.0 x H72.1 mm (3.13" x 1.97" x 2.84")

Weight : 0.16 kgs. max. (0.35 lbs.)

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

SAFETY STANDARDS

UL 60950-1
 UL 62368-1
 CSA C22.2-No.60950-1
 CSA C22.2-No.62368-1
 Nemko EN60950-1
 TUV EN62368-1
 CB IEC 60950-1
 CB IEC 62368-1

EMC STANDARDS

CISPR22 Class B
 FCC Part 15 Class B
 EN 55032 Class B
 CE

DC OUTPUT & FEATURES

Model	Output Rating		Po	O/P Regulation	Ripple & Noise(Vp-p)	Energy Level
VP-015A-1Y050KZ	5V	3.00A	15W	+5% / -3%	50mV	V
VP-024A-1Y090KZ	9V	2.67A	24W	+5% / -3%	90mV	V
VP-024A-1Y120KZ	12V	2.00A	24W	+5% / -3%	120mV	V
VP-024A-1Y160KZ	16V	1.50A	24W	+5% / -3%	160mV	V
VP-024A-1Y180KZ	18V	1.34A	24W	+5% / -3%	180mV	V
VP-024A-1Y240KZ	24V	1.00A	24W	+5% / -3%	240mV	V
VP-024A-1Y360KZ	36V	0.67A	24W	+5% / -3%	360mV	V
VP-024A-1Y480KZ	48V	0.50A	24W	+5% / -3%	480mV	V

- 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.
 2. Z=U : American Type ; Z=E : European Type ; Z=A : Australia Type ; Z=K : UK Type

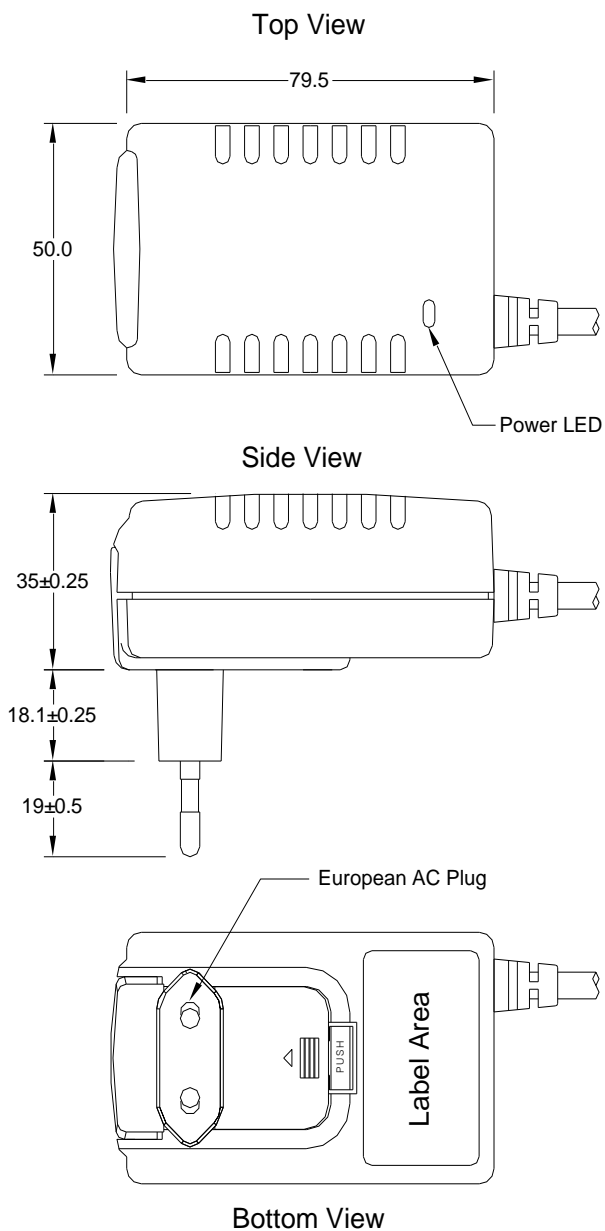
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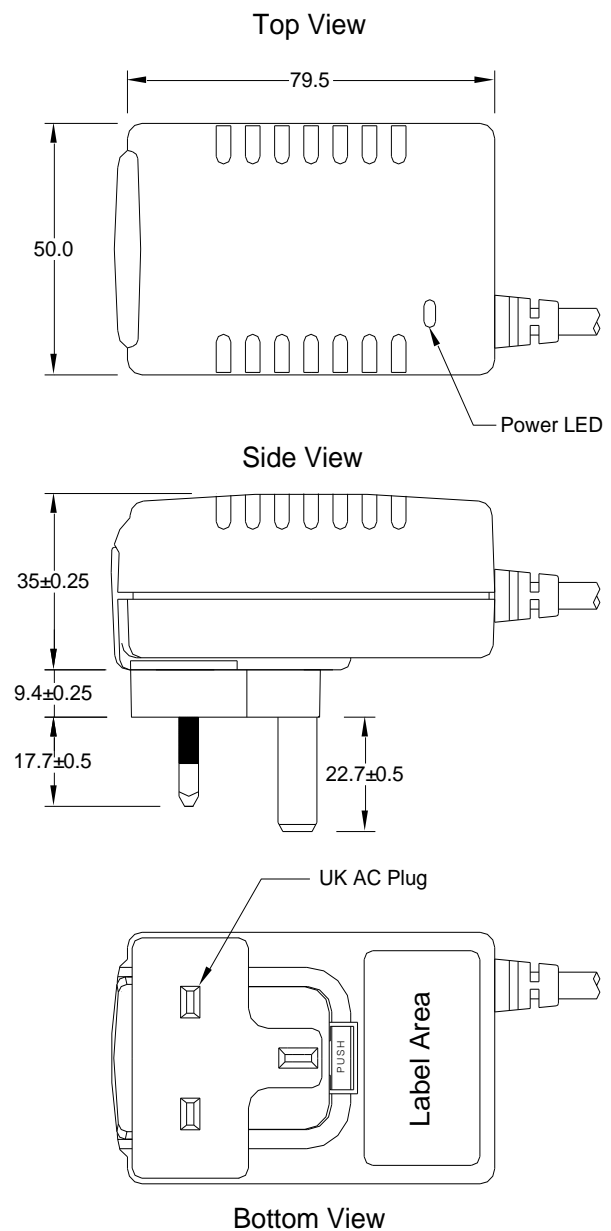
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MECHANICAL SPECIFICATION

European Type



UK Type



- Note:
1. AC Inlet : IEC320-C8
 2. Plastic Case Color : Black
 3. Tolerance : ± 0.5 mm
 4. Unit : mm

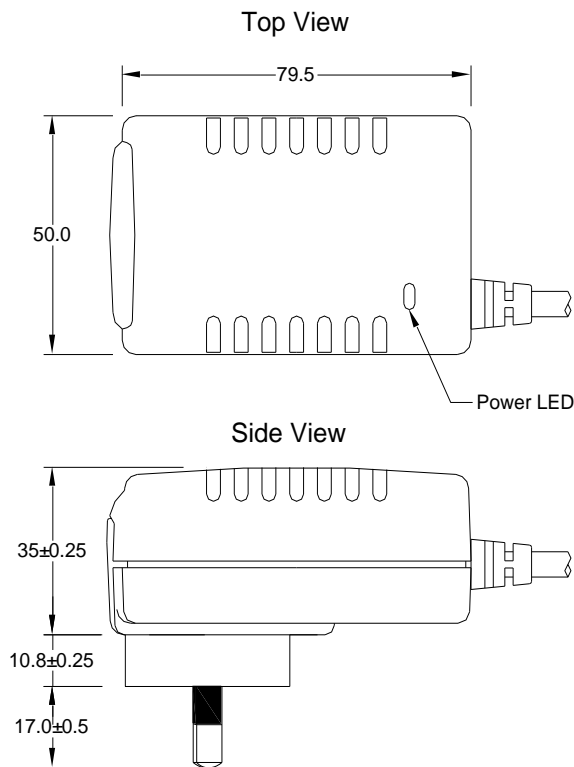
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24Watts Series

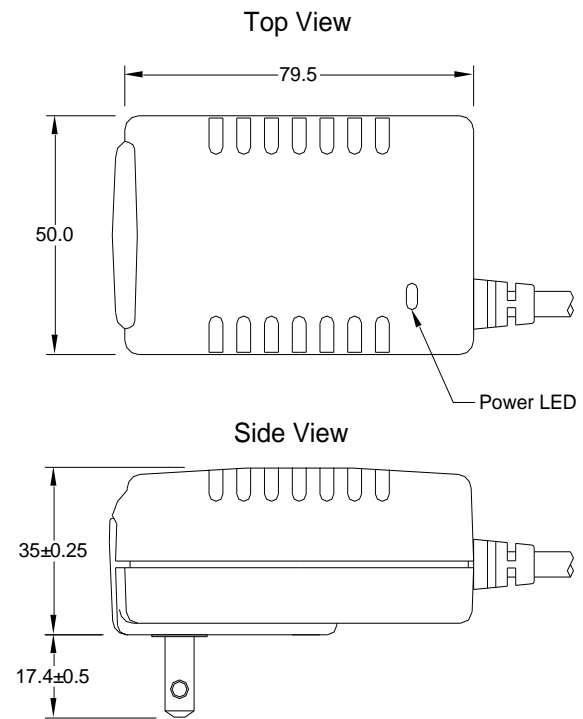
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MECHANICAL SPECIFICATION

Australia Type



American Type



- Note:
1. AC Inlet : IEC320-C8
 2. Plastic Case Color : Black
 3. Tolerance : ± 0.5 mm
 4. Unit : mm

STANDARD OUTPUT CABLE

1. AWM 1185 # 18 AWG / 1C + SHIELDING, UL 80°C 300V VW-1, 1550 mm.
2. Depends on customers requirements.