

## AC/DC Switching Adapter - Single Output

## LVWM 24Watt Medical Series

### FEATURES

- Equipped with interchangeable AC clips for worldwide 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 : < 65A peak @115VAC; < 130A 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 × W50.0 × H72.1 mm ( 3.13" × 1.97" × 2.84" )

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

### SAFETY STANDARDS

UL UL60601-1  
 CSA CSA-C22.2 NO.601.1-M90  
 NEMKO EN60601-1  
 CB IEC 60601-1

### EMI 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

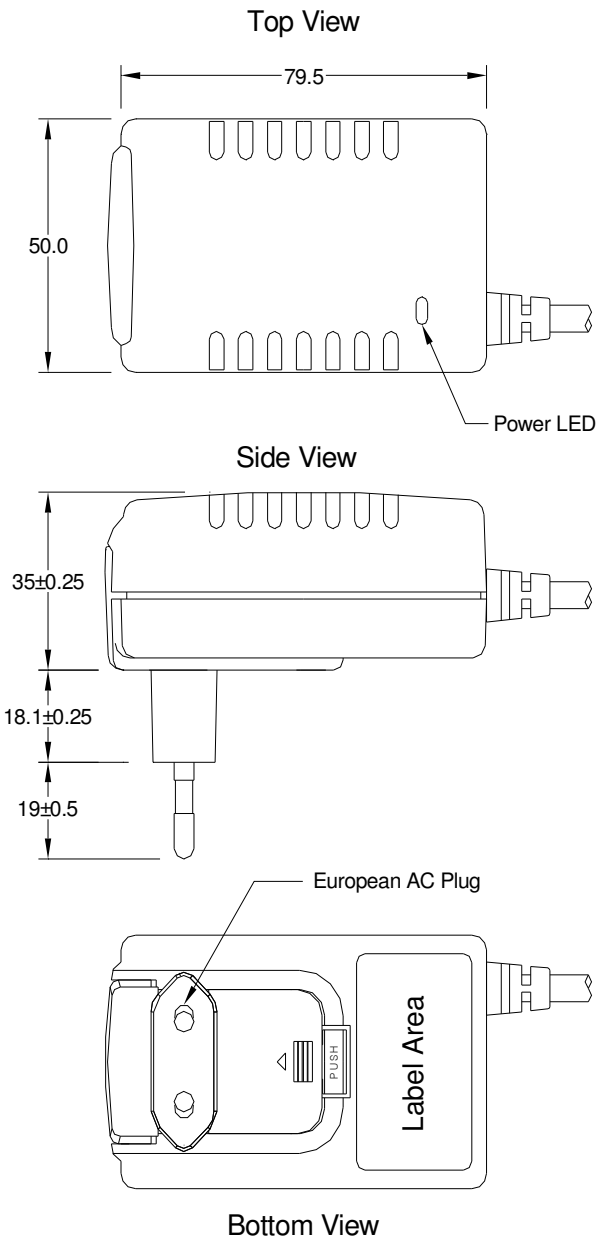
### DC OUTPUT & FEATURES

Model	Output Rating		Po	O/P Regulation	Ripple & Noise(Vp-p)	Energy Level
LVWM05030Z	5V	3.00A	15W	+5% / -3%	50mV	V
LVWM09026Z	9V	2.67A	24W	+5% / -3%	90mV	V
LVWM12020Z	12V	2.00A	24W	+5% / -3%	120mV	V
LVWM16015Z	16V	1.50A	24W	+5% / -3%	160mV	V
LVWM18013Z	18V	1.34A	24W	+5% / -3%	180mV	V
LVWM24010Z	24V	1.00A	24W	+5% / -3%	240mV	V
LVWM36006Z	36V	0.67A	24W	+5% / -3%	360mV	V
LVWM48005Z	48V	0.50A	24W	+5% / -3%	480mV	V

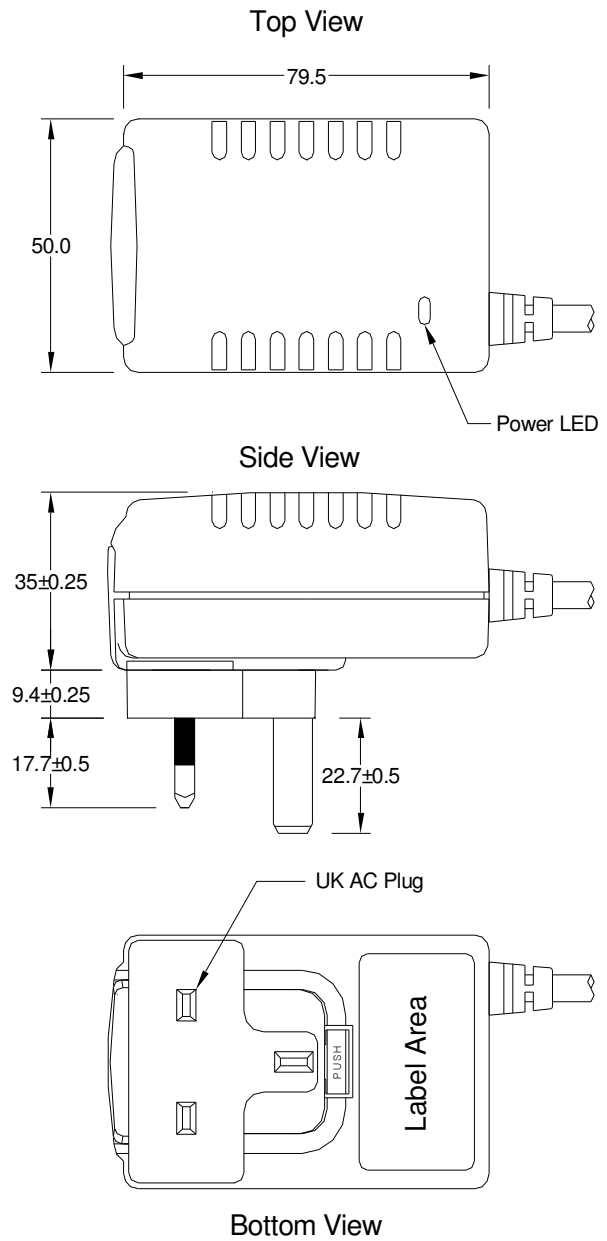
- Note:**
1. Ripple and noise are measured at oscilloscope 20MHz bandwidth by a 10uF electrolytic capacitor and a 0.1uF ceramic capacitor in parallel at output connector.
  2. Z=U : American Type ; Z=E : European Type ; Z=A : Australia Type ; Z=K : UK Type ; Z=U : All Blades

MECHANICAL SPECIFICATION

European Type



UK Type



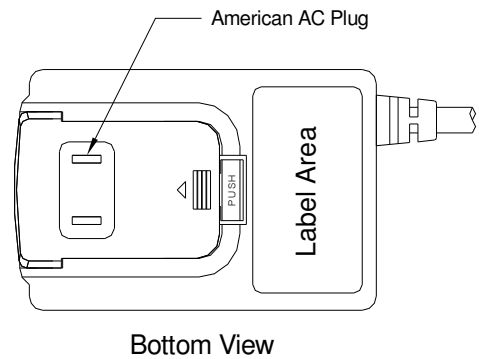
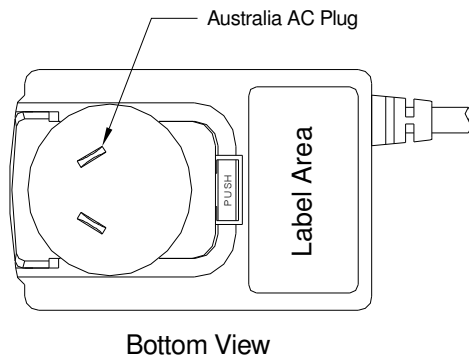
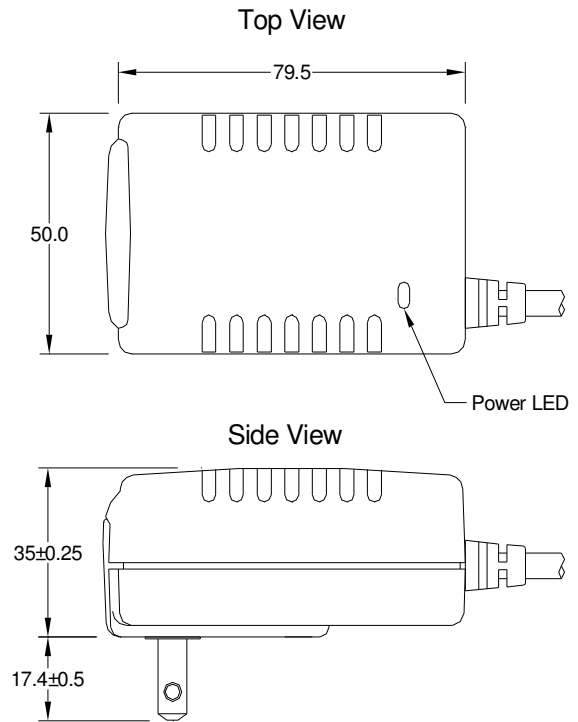
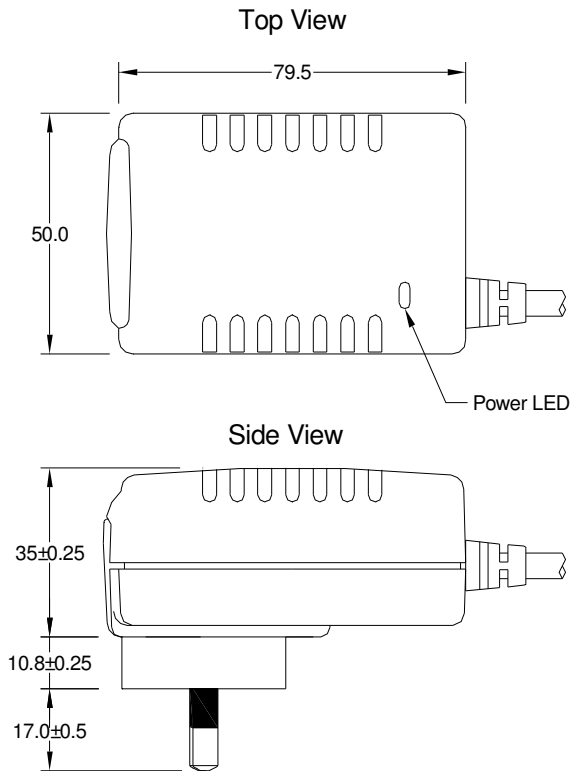
Note:

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

MECHANICAL SPECIFICATION

Australia Type

American Type



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