

AC/DC Switching Adapter - Single Output

Medical AC/DC Power Adapter 40/60/65Watts Series

FEATURES

- Medical 60601-1 3rd Edition approved
- 3-pole IEC320-C14 AC inlet, Class I
- Power ON LED indicator model available
- Meet Efficiency Level V requirements
- No load Power consumption < 500mW
- Earth leakage current : < 300uA @264VAC
- 2 year warranty



ELECTRICAL SPECIFICATIONS

- Input range : 90 - 264VAC
- Frequency : 47 - 63Hz
- Power Factor : > 0.95 @115VAC; > 0.90 @230VAC @full load
- Inrush current : < 50A peak @115VAC; < 100A peak @230VAC cold start @25°C
- Input current (rms) : 2A @90VAC; 1A @264VAC max.
- Efficiency : > 87% @average load, 115/230VAC (Except +5V model)
- Maximum output power (Po) : 40Watts / 60Watts /65Watts
- Hold-up time : > 16ms 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 : L132 × W69 × H40 mm (5.2" × 2.72" × 1.57")

Weight : 0.39 kgs. (0.86 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 : 0 to +70°C (Derate linearly 2.5% per °C from 51 to 70°C)
- Storage temperature : -20°C to +85°C
- Humidity: 20% ~ 90%.
- MTBF : > 100,000 hours at full load and 25°C ambient temperature

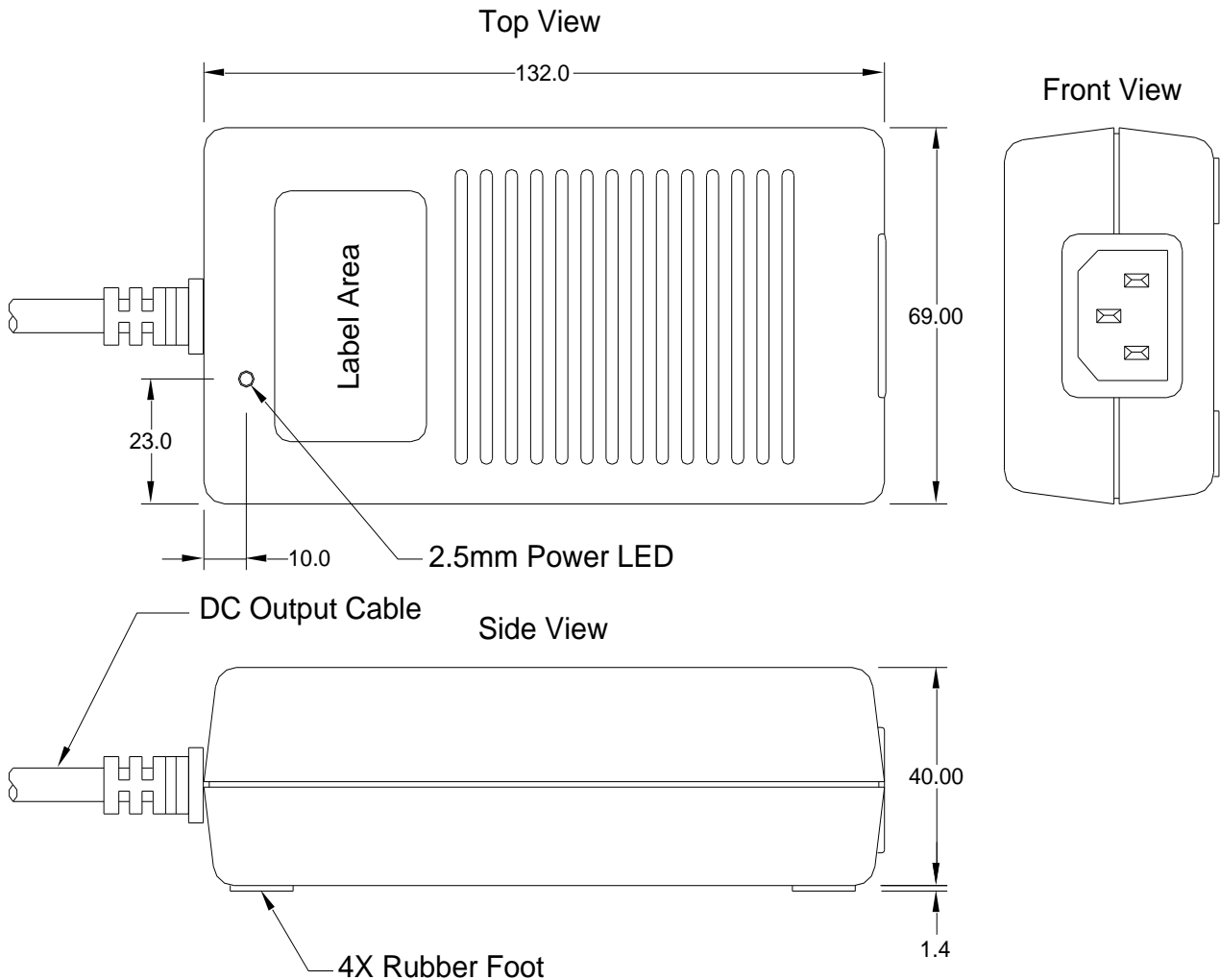
DC OUTPUT & FEATURES

Model	Output Rating		Po	O/P Regulation	Ripple & Noise(Vp-p)	Efficiency Level
PW-M040A-1Y05X	+ 5V	8A	40W	±5%	100mV	
PW-M060A-1Y12X	+ 12V	5A	60W	±5%	120mV	V
PW-M060A-1Y15X	+ 15V	4A	60W	±5%	150mV	V
PW-M065A-1Y18X	+ 18V	3.6A	65W	±3%	180mV	V
PW-M065A-1Y24X	+ 24V	2.7A	65W	±3%	240mV	V
PW-M065A-1Y36X	+ 36V	1.8A	65W	±3%	360mV	V
PW-M065A-1Y48X	+ 48V	1.35A	65W	±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. X = L, with LED (Green color), X = Blank without LED

MECHANICAL SPECIFICATION



- Note:
1. AC Inlet : IEC320-C14
 2. Power ON LED optional
 3. Plastic Case Color : Black
 4. Tolerance : $\pm 0.5\text{mm}$
 5. Unit : mm

STANDARD OUTPUT CABLE

1. AWM 1185#16AWG 1C+SHIELDING, UL 80°C 300V VW-1, 1000mm.
2. AWM 1571#14-16AWG 1C+SHIELDING, UL 80°C 30V VW-1, 1000mm.
3. Depends on customers requirements.