

AC/DC Switching Adapter - Single Output

**Medical AC/DC Power Adapter
40/60/65Watts Series
Level VI and EU COC Tier 2**

FEATURES

- Medical 60601-1 3.1rd Edition approved
- Meet IEC60601-1-2 Ed4:2014
- 3-pole IEC320-C14 AC inlet, Class I
- Altitude: 5,000M, 2 x MOPP, BF rated
- Meet Efficiency Level VI and EU COC Tier 2 requirements
- No load Power consumption < 150mW
- Earth leakage current : < 100uA
- 3 year warranty



ELECTRICAL SPECIFICATIONS

- Input range : 90 - 264VAC
- Frequency : 47 - 63Hz
- Inrush current : < 50A peak @115VAC; < 90A(5V 120A) peak @230VAC cold start @25°C
- Input current (rms) : 2A @90VAC; 1A @264VAC max.
- Efficiency : > 89% @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 x W69 x H40 mm (5.2" x 2.72" x 1.57")
Weight : 0.39 kgs. (0.86 lbs)

SAFETY STANDARDS

UL/c-UL 60601-1 3.1rd Edition
TUV EN60601-1 3.1rd Edition
CB IEC EN60601-1 3.1rd Edition

EMC STANDARDS

EN60601-1-2 Ed4:2015
IEC60601-1-2 Ed4:2014
EN55011 Class B
FCC Part 18 Class B
CE

ENVIRONMENTAL

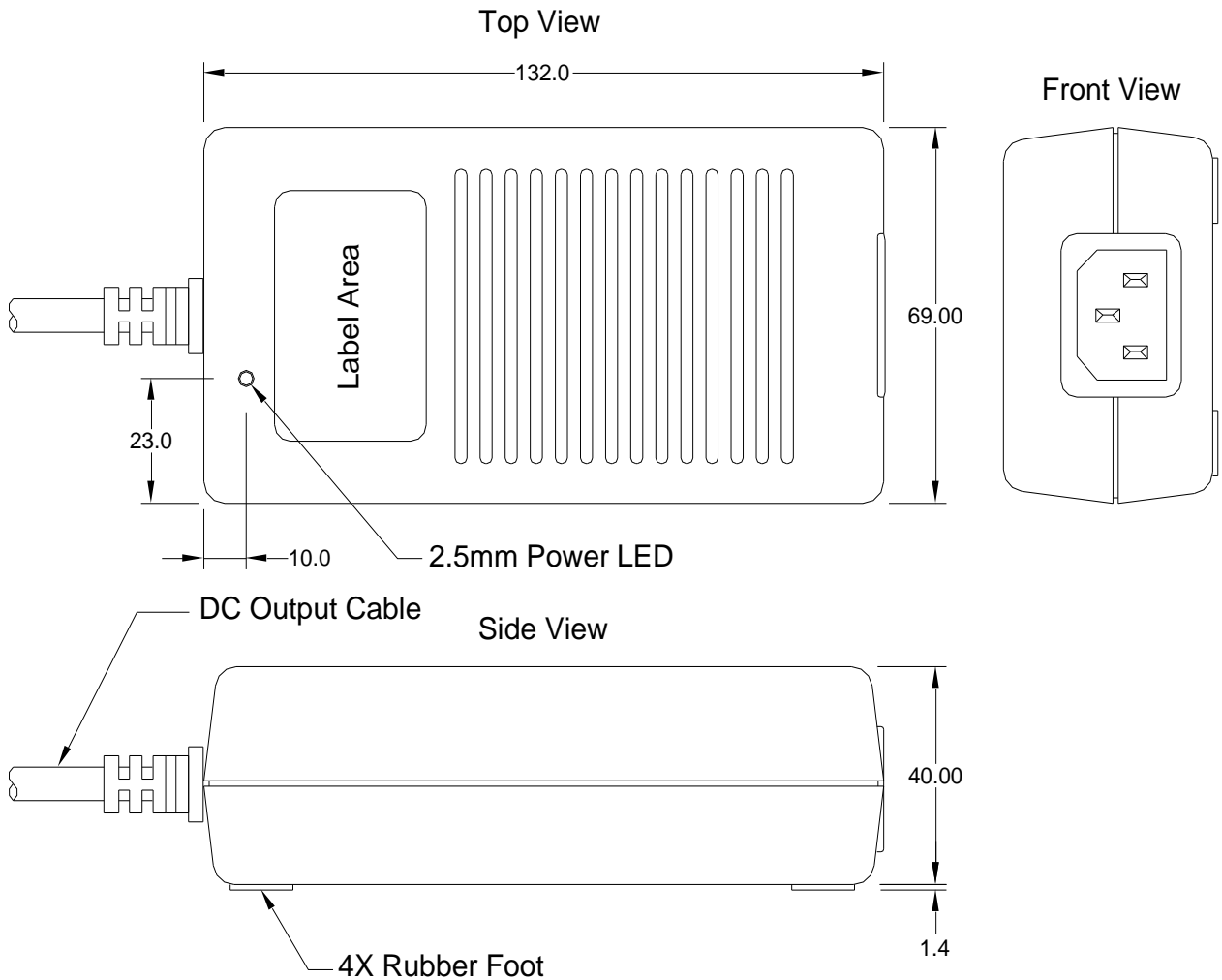
- Operating temperature : -20 to +60°C (Derate linearly 2.5% per °C from 51 to 60°C)
- Storage temperature : -20°C to +85°C
- Humidity: 20% ~ 90%.
- MTBF : > 100,000 hours at full load and 25°C ambient temperature

DC OUTPUT & FEATURES

Model	Output Rating		Po	O/P Regulation	Ripple & Noise(Vp-p)	DOE Efficiency	EU ErP
PW-M040A2-1Y050A	+ 5V	8A	40W	±5%	120mV	VI	Tier 2
PW-M060A2-1Y120A	+ 12V	5A	60W	±5%	120mV	VI	Teir 2
PW-M060A2-1Y150A	+ 15V	4A	60W	±5%	150mV	VI	Tier 2
PW-M065A2-1Y190A	+ 19V	3.42A	65W	±3%	190mV	VI	Teir 2
PW-M065A2-1Y240A	+ 24V	2.7A	65W	±3%	240mV	VI	Tier 2
PW-M065A2-1Y280A	+ 28V	2.32A	65W	±3%	280mV	VI	Teir 2
PW-M065A2-1Y360A	+36V	1.81A	65W	±3%	360mV	VI	Tier 2
PW-M065A2-1Y480A	+ 48V	1.35A	65W	±3%	480mV	VI	Teir 2

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.

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. (5V model: 600mm)
3. Depends on customers requirements.