

AC/DC Switching Adapter - Single Output

FEATURES

- 3-pole IEC320-C14 AC inlet, Class I
- Output voltage range from +5V to +52V
- Meet Efficiency Level VI & CoC V5 Tier 2 requirements
- No load Power consumption < 150mW
- Power ON LED indicator
- 3 year warranty



ELECTRICAL SPECIFICATIONS

- Input range : 90 - 264VAC
- Frequency : 47 - 63Hz
- Inrush current : < 50A peak @115VAC; < 100A peak @230VAC cold start @25°C
- Input current (rms) : 2A @90VAC; 1A @264VAC max.
- Efficiency : > 89% @average load, 115/230VAC
- Maximum output power (Po) : 65Watts
- 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 : L132 x W69 x H40 mm (5.2"x2.72"x1.57")

Weight : 0.39 kgs. (0.856 lbs)

SAFETY STANDARDS

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

EMC STANDARDS

- FCC Class B
- CISPR22 Class B
- EN 55022 Class B
- CE

ENVIRONMENTAL

- Operating temperature : 0 to +70°C (Derate linearly 2.5% per °C from 51 to 70°C)
- Storage temperature : -10°C to +85°C
- Humidity: 10% ~ 90%.
- MTBF : > 140,000 hours at full load and 25°C ambient temperature

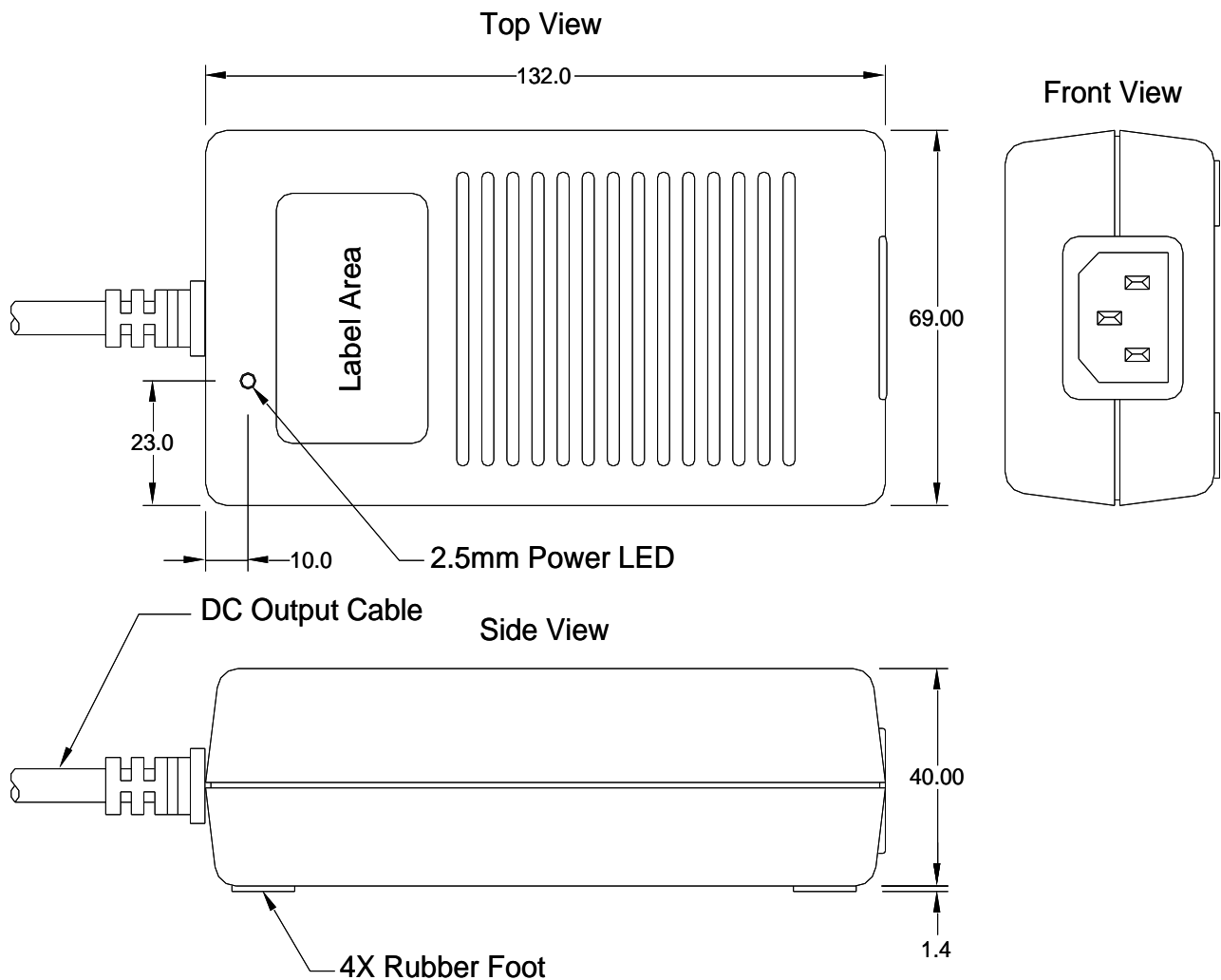
DC OUTPUT & FEATURES

※ Other DC output 40W for 5-6V and 8-10V, 65W for 12-13V, 13.5-16V, 18-20V, 22-28V, 32-36V and 44-52V

Model	Output Rating		Po	O/P Regulation	Ripple & Noise(Vp-p)	Efficiency Level
PW-040A3-1Y050A	5V	8A	40W	±5%	50mV	V
PW-040A3-1Y080A	8V	5A	40W	±5%	80mV	V
PW-065A3-1Y120A	12V	5.41A	65W	±5%	120mV	VI
PW-065A3-1Y150A	15V	4.33A	65W	±5%	150mV	VI
PW-065A3-1Y190A	19V	3.43A	65W	±5%	190mV	VI
PW-065A3-1Y240A	24V	2.71A	65W	±5%	240mV	VI
PW-065A3-1Y360A	36V	1.81A	65W	±5%	240mV	VI
PW-065A3-1Y480A	48V	1.36A	65W	±5%	240mV	VI

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. Plastic Case Color : Black
 3. Tolerance : $\pm 0.5\text{mm}$
 4. Unit : mm

STANDARD OUTPUT CABLE

1. AWM 1185 # 14 / 16 / 18 AWG / 1C + SHIELDING, UL 80°C 300V VW-1, 1050 mm.
2. AWM 2464 # 16 / 18 / 20 AWG / 4C + SHIELDING, UL 80°C 300V VW-1, 1050 mm.
3. Depends on customers requirements.