

### FEATURES

- 3-pole IEC320-C14 AC inlet, Class I
- Power ON LED indicator
- Output voltage range from +9V to +48V
- Meet Efficiency Level VI & CoC V5 Tier 2 requirements
- No load Power consumption < 150mW
- 2 year warranty



### ELECTRICAL SPECIFICATIONS

- Input range : 90 - 264VAC
- Frequency : 47 - 63Hz
- Power Factor : > 0.95 @115VAC; > 0.90 @230VAC @full load
- Inrush current : < 75A peak @115VAC; < 150A peak @230VAC cold start @25°C
- Input current (rms) : 2A @90VAC; 1A @264VAC max.
- Efficiency : > 89% @average load, 115/230VAC
- Maximum output power (Po) : 80Watts
- Hold-up time : > 20ms 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 : 0.44 kgs. ( 0.97 lbs. )

### SAFETY STANDARDS

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

### EMC STANDARDS

FCC Class B  
 CISPR22 Class B  
 EN 55022 Class B  
 CE

### ENVIRONMENTAL

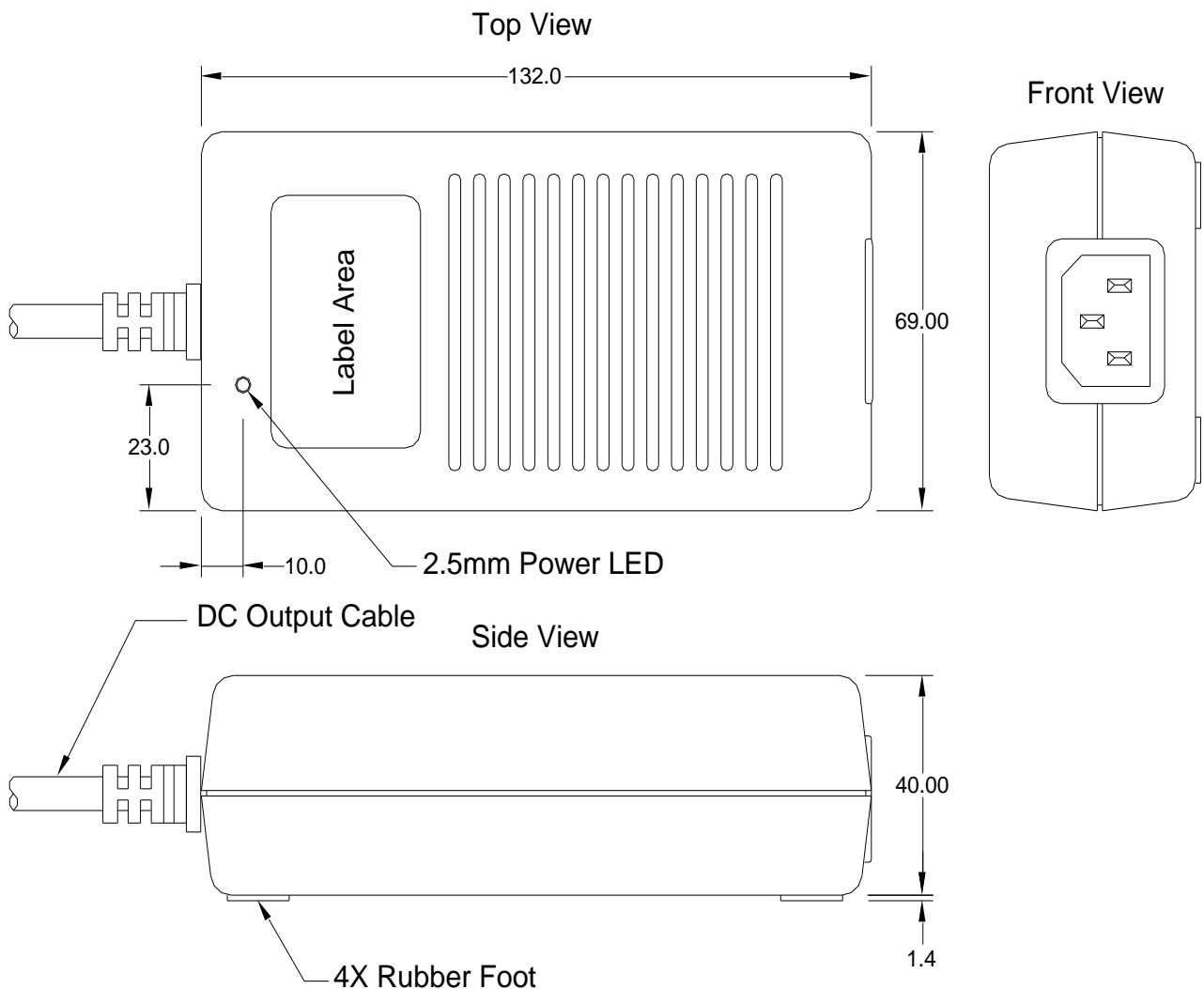
- Operating temperature : 0 to +60°C (Derate linearly 2.5% per °C from 41 to 60°C)
- Storage temperature : -10°C to +85°C
- Humidity: 10% ~ 90%.
- MTBF : > 120,000 hours at full load and 25°C ambient temperature

### DC OUTPUT & FEATURES

Model	Output Rating		Po	O/P Regulation	Ripple & Noise(Vp-p)	Efficiency Level		
						No Load power	Average Efficiency	10% Efficiency
PW-072A4-1Y090A	9V	8A	72W	±5%	240mV	< 150mW	> 87%	> 80%
PW-080A4-1Y120A	12V	6.67A	80W	±5%	240mV	< 150mW	> 89%	> 80%
PW-080A4-1Y150A	15V	5.34A	80W	±5%	240mV	< 150mW	> 89%	> 80%
PW-080A4-1Y180A	18V	4.45A	80W	±5%	240mV	< 150mW	> 89%	> 80%
PW-080A4-1Y240A	24V	3.34A	80W	±5%	240mV	< 150mW	> 89%	> 80%
PW-080A4-1Y280A	28V	2.86A	80W	±5%	240mV	< 150mW	> 89%	> 80%
PW-080A4-1Y480A	48V	1.67A	80W	±5%	240mV	< 150mW	> 89%	> 80%

**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 1571 # 14 AWG / 1C + SHIELDING, UL 80°C 30V VW-1, 1050 mm.
2. AWM 1185 # 16 AWG / 1C + SHIELDING, UL 80°C 300V VW-1, 1050 mm.
3. Depends on customers requirements.