

**AC/DC Switching Adapter - Single Output**

**FEATURES**

- 3-pole IEC320-C14 AC inlet, Class I
- Output voltage range from +5V to +52V
- US DOE & EU ErP Efficiency Compliant
- 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 efficiency, 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: Latch off

**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 62368-1  
 CSA C22.2-No.62368-1  
 TUV EN62368-1  
 CB IEC 62368-1

**EMC STANDARDS**

FCC Class B  
 EN 55032 Class B  
 EN 55035 Class B  
 CE

**ENVIRONMENTAL**

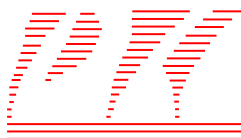
- Operating temperature : 0 to +60°C (Refer to derating curve)
- Storage temperature : -10°C to +85°C
- Humidity: 10% ~ 90%.
- MTBF : > 140,000 hours at full load and 25°C ambient temperature

**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)	DOE Efficiency	LPS
PW-040A3-1Y050A	5V	8A	40W	±5%	50mV	VI	
PW-040A3-1Y080A	8V	5A	40W	±5%	80mV	VI	●
PW-065A3-1Y120A	12V	5.42A	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.



**POWER-WIN TECHNOLOGY CORP.**

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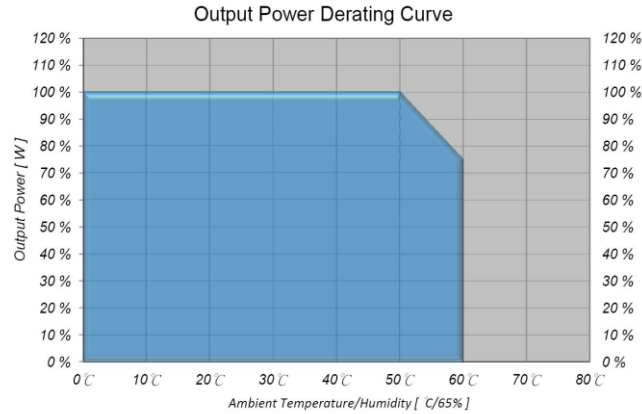
http : //www.power-win.com

E-Mail : sales@power-win.com

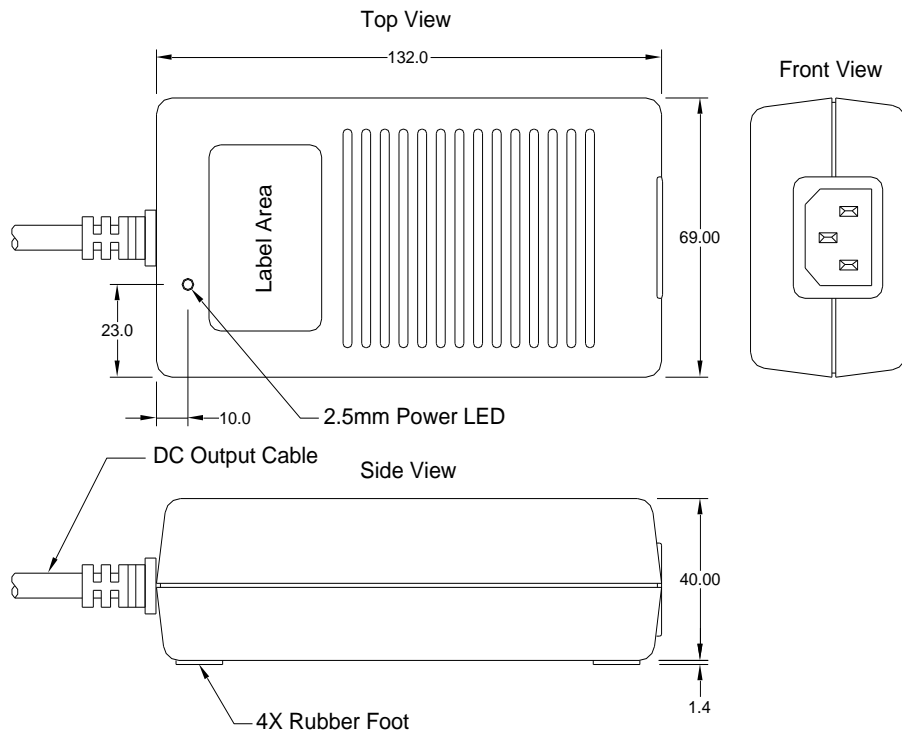
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**MECHANICAL SPECIFICATION**



**MECHANICAL SPECIFICATION**



- Note:
- |                               |                        |
|-------------------------------|------------------------|
| 1. AC Inlet : IEC320-C14      | 3. Tolerance : ± 0.5mm |
| 2. Plastic Case Color : Black | 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.



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