

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

**FEATURES**

- 3-pole IEC320-C6 and 2-pole C8 AC inlet available
- Meet Efficiency level VI & Erp 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 : < 45A peak @115VAC; < 90A 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: Latch off

**ENVIRONMENTAL**

- Operating temperature : -20 to +60°C (Refer to Derating Curve next page)
- Storage temperature : -20°C to +85°C
- Humidity: 10% ~ 90%.
- MTBF : > 200,000 hours at full load and 25°C ambient temperature

**DC OUTPUT & FEATURES**

Model	Output Rating		Po	O/P Regulation	Ripple & Noise(Vp-p) Full load	LPS	Efficiency Level
PW-040A2-1Y05FZ	5V	8A	40W	±5%	200mV		VI
PW-060A2-1Y12FZ	12V	5A	60W	±5%	150mV	●	VI
PW-060A2-1Y15FZ	15V	4A	60W	±5%	150mV	●	VI
PW-065A2-1Y19FZ	19V	3.42A	65W	±3%	150mV	●	VI
PW-065A2-1Y24FZ	24V	2.71A	65W	±3%	150mV	●	VI
PW-065A2-1Y28FZ	28V	2.32A	65W	±3%	150mV	●	VI
PW-065A2-1Y48FZ	48V	1.35A	65W	±3%	150mV	●	VI

- Note:**
1. Ripple and noise are measured at oscilloscope 20MHz bandwidth by a 47uF electrolytic capacitor and a 0.1uF ceramic capacitor in parallel at output connector.
  2. Z = 0, AC INLET : IEC 320-C8 (2PIN), Z = 1, AC Inlet : IEC 320-C6 (3PIN)



**RoHS Compliant**

Dimension : L108 xW47.5 xH30 mm ( 4.25"× 1.87"× 1.18")  
Weight : 0.235 kgs. ( 0.518 lbs. )

**SAFETY STANDARDS EMC STANDARDS**

- |                      |                    |
|----------------------|--------------------|
| UL 60950-1           | EN 55032 Class B   |
| UL 62368-1           | EN 55024           |
| CSA C22.2-No.60950-1 | FCC Part15 Class B |
| CSA C22.2-No.62368-1 | CE                 |
| TUV EN60950-1        |                    |
| TUV EN62368-1        |                    |
| CB IEC 60950-1       |                    |
| CB IEC 62368-1       |                    |



POWER-WIN TECHNOLOGY CORP.

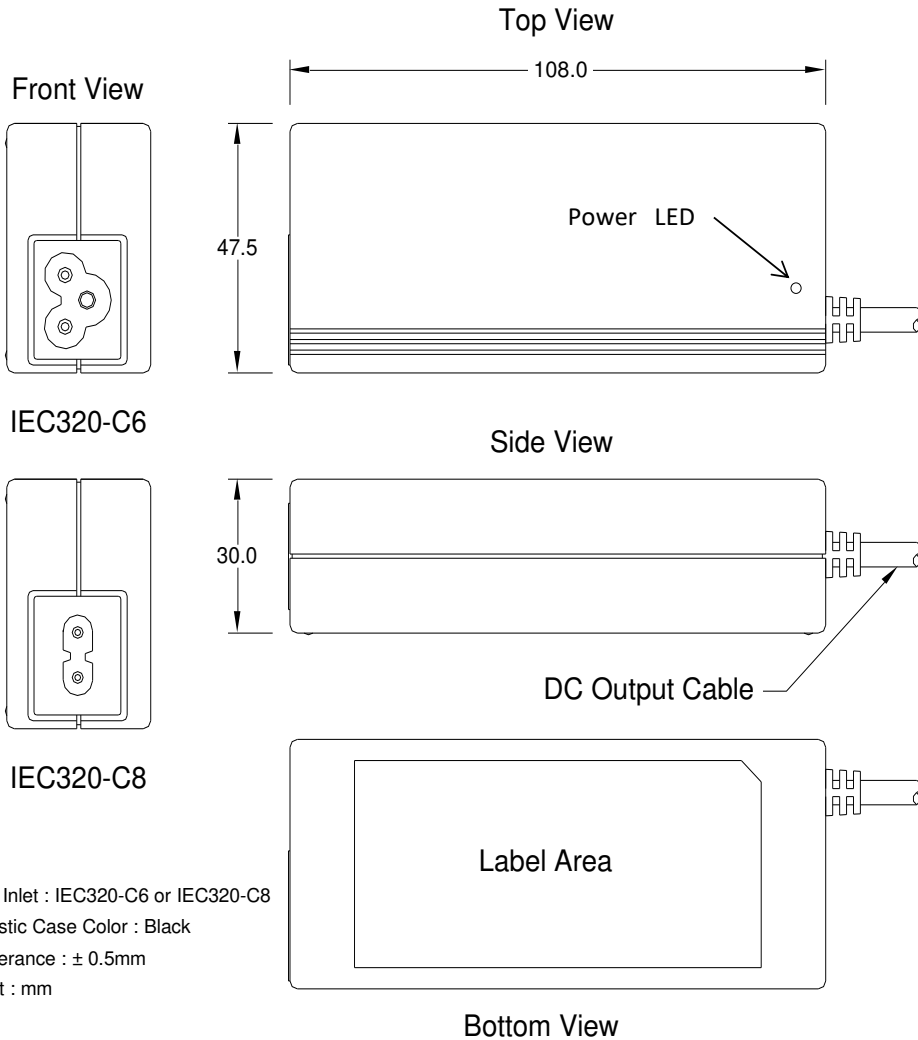
5F-6, No. 79, Sec. 1, Hsin-Tai 5th Road, Shi-Chi, New Taipei City, 22101 Taiwan, R.O.C.

Tel : 886-2-26983989(Rep) Fax : 886-2-26983978

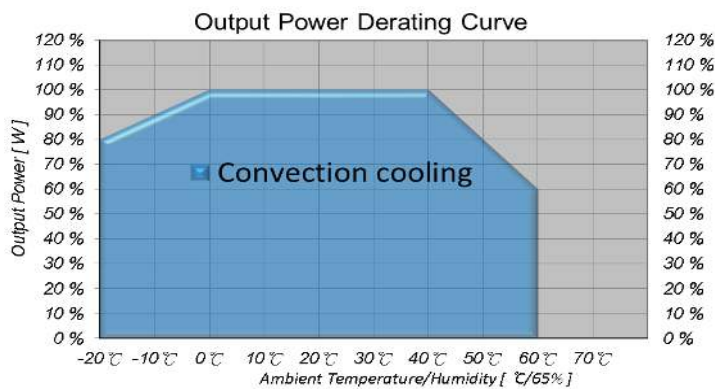
http : //www.power-win.com

E-Mail : sales@power-win.com

**MECHANICAL SPECIFICATION**



- Note: 1. AC Inlet : IEC320-C6 or IEC320-C8  
 2. Plastic Case Color : Black  
 3. Tolerance : ± 0.5mm  
 4. Unit : mm



**STANDARD OUTPUT CABLE**

1. AWM 11353 # 14 AWG 1C + SHIELDING, UL 80°C 300V VW-1, 800 mm. (5V only)
2. AWM 1571 # 14 AWG 1C + SHIELDING, UL 80°C 30V VW-1, 1,000 mm. (12V - 24V)
3. AWM 1185 # 16 AWG 1C + SHIELDING, UL 80°C 300V VW-1, 1,000 mm.(15V - 19V - 28V - 48V)
4. Depends on customers requirements.



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## Want to know more?

For sales, technical support or additional information please get in touch with our team of experts.

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From the initial consultation and sourcing unique components to supplying bespoke solutions including a full design and build process.

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### Sourcing

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### Design & Build

Development and manufacturing services

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