



- Class II Double Insulated (2 MOPP Rated)
- Meets Efficiency Level VI Requirements
- Interchangeable Plugs for Worldwide Use
- Optional USB (5V only) or Cable Output
- Short Circuit Protection
- Overload Protection
- No Load Operation



### Electrical Specifications

<p><b>Input</b></p> <p>Input Voltage: 90-264VAC                  Input Frequency: 47-63 Hz                  Input Current: &lt;0.6A, 115VAC– 230VAC                  Safety Isolation: 4.0kVAC Input to Output</p> <p>Inrush Current: &lt;30A peak @ 115VAC, cold start at 25°C                  &lt;60A peak @ 230VAC, cold start at 25°C</p> <p>No Load Power: &lt; 100mW</p>	<p><b>Environmental &amp; Operating</b></p> <p>Operating Temperature: 0°C to +40°C                  Storage Temperature: -20°C to +85°C                  Operating Altitude: &lt;5000m                  Operating Humidity: 10% - 90% non-condensing                  Storage Humidity: 5% - 90% non-condensing                  MTBF: &gt;100,000 hours per MIL-HDBK-217F at full load and 25°C ambient</p>
<p><b>Output</b></p> <p>Total Output: 6W                  Output Voltage: See table                  Hold Up Time: &gt;8.3 msec @ full load and 115VAC/60Hz input</p> <p>Turn On Time: &lt;3 seconds                  Efficiency: DOE Level VI Compliant                  Minimum Load: No minimum load                  Switching Frequency: 50 kHz typical                  Line Regulation: &lt;± 1% of rated output voltage at full load</p>	<p><b>Compliance</b></p> <p><b>Safety Approvals</b></p> <p>USA: ANSI/AAMI ES60601-1                  Canada: cUL ES60601-1                  Europe: TUV EN60601-1                  CB Report                  CE Mark</p> <p><b>EMC (IEC60601-1-2:2014):</b>                  FCC Class B Radiated &amp; Conducted                  EN55011: Class B</p> <p><b>Harmonic Currents</b>                  Voltage Flicker                  Electrostatic Discharge                  Radiated Immunity                  EFT/Burst                  Surge Immunity                  Conducted Immunity                  Magnetic Field                  Dips / Interruptions</p> <p>IEC 61000-3-2                  IEC 61000-3-3                  IEC 61000-4-2: ±15kV Air, ±8kV contact                  IEC 61000-4-3: 10V/m                  IEC 61000-4-4: ±2kV                  IEC 61000-4-5: 1kV diff, 2kV com                  IEC 61000-4-6: 10Vrms                  IEC 61000-4-8: 30A/m                  IEC 61000-4-11: Voltage dip immunity, 30% reduction for 500ms, 100% reduction for 10ms</p>
<p><b>Protection</b></p> <p>Overvoltage: 150% Max. of rated voltage. Latching mode. Cycle AC for recovery</p> <p>Short Circuit: Hiccup mode. Auto recovery.</p> <p>Overcurrent: 150% Max. of rated current. Auto-restart when fault removed.</p>	<p><b>General</b></p> <p>Dimensions: 2.20"(56.0mm)L x 1.46"(37.0mm)W x 1.26"(32.0mm)H</p> <p>AC Input: Interchangeable Plugs                  Output Plug: Barrel Type: 5.5mm x 2.1mm x 9.5mm                  Center positive (others upon request)                  Optional USB output for 5V models</p> <p>Weight: 0.3 pounds</p>



### Models and Ratings Chart

Model No.	Output voltage	Current	Total Power	Output Regulation	Ripple & Noise (Vp-p)	Efficiency Level
PEAMW6I-10-B1	5VDC	1.20A	6W	± 5%	100mV	VI
PEAMW6I-10-USB	5VDC	1.20A	6W	± 5%	100mV	VI
PEAMW6I-11-B1	9VDC	0.66A	6W	± 5%	180mV	VI
PEAMW6I-12-B1	12VDC	0.50A	6W	± 5%	180mV	VI

#### Notes:

- Ripple & Noise is measured using a 20MHz bandwidth oscilloscope with a 0.1uf ceramic capacitor and 4.7uf electrolytic capacitor in parallel across the output at full load and nominal line voltage.
- PEAMW6I-10-USB has a standard USB A output port. All other models have a 4ft cable terminated with a 5.5 x 2.1mm barrel connect-or. Consult PPI for custom connectors.

### Mechanical Outline

