



- Approved to IEC 60601-1-2:2014 (4th Edition)
- 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



Electrical Specifications

<p>Input</p> <p>Input Voltage: 90-264VAC Input Frequency: 47-63 Hz Input Current: <0.6A, 115VAC– 230VAC Safety Isolation: 4.0kVAC Input to Output</p> <p>Inrush Current: <30A peak @ 115VAC, cold start at 25°C <60A peak @ 230VAC, cold start at 25°C</p> <p>No Load Power: < 100mW</p>	<p>Environmental & Operating</p> <p>Operating Temperature: 0°C to +40°C Storage Temperature: -20°C to +85°C Operating Altitude: <5000m Operating Humidity: 10% - 90% non-condensing Storage Humidity: 5% - 90% non-condensing MTBF: >100,000 hours per MIL-HDBK-217F at full load and 25°C ambient</p>
<p>Output</p> <p>Total Output: 6W Output Voltage: See table Hold Up Time: >8.3 msec @ full load and 115VAC/60Hz input</p> <p>Turn On Time: <3 seconds Efficiency: DOE Level VI Compliant Minimum Load: No minimum load Switching Frequency: 50 kHz typical Line Regulation: <± 1% of rated output voltage at full load</p>	<p>Compliance</p> <p>Safety Approvals</p> <p>USA: ANSI/AAMI ES60601-1 Canada: cUL ES60601-1 Europe: TUV EN60601-1 3rd edition CB Report: CB Report Isolation: 4000VAC input to output, 2 x MOPP</p> <p>EMC (IEC 60601-1-2:2014):</p> <p>FCC Class B Radiated & Conducted CISPR11 Class B Radiated & Conducted EN55011 Class B Radiated & Conducted</p> <p>Harmonic Currents 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 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>Protection</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>General</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

