



- IEC 60601-1-2 4<sup>th</sup> Edition EMC Compliant
- Class II Double Insulated (2 MOPP Rated)
- Interchangeable AC Plugs
- Meets Efficiency Level VI requirements
- <100mW No Load Power Consumption
- Short Circuit Protection
- Overload Protection



### Electrical Specifications

<p><b>Input</b></p> <p>Input Voltage: 90-264VAC              Input Frequency: 47-63 Hz              Input Current: 1.0A -0.5A, 115-230VAC              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 +60°C (Derate output power linearly from 100% at 40°C to 50% at 60°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: 20-30W, see table for details              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: Meets DOE level VI requirements              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              China: CCC Mark, CB Report, CE Mark</p> <p><b>EMC:</b> FCC Class B Radiated &amp; Conducted, EN55022: Class B, IEC/EN 60601-1-2:2014</p> <p><b>Harmonic Currents:</b> IEC 61000-3-2  <b>Voltage Flicker:</b> IEC 61000-3-3  <b>Electrostatic Discharge:</b> IEC 61000-4-2  <b>Radiated Immunity:</b> IEC 61000-4-3  <b>EFT/Burst:</b> IEC 61000-4-4  <b>Surge Immunity:</b> IEC 61000-4-5  <b>Conducted Immunity:</b> IEC 61000-4-6  <b>Magnetic Field:</b> IEC 61000-4-8  <b>Dips / Interruptions:</b> IEC 61000-4-11</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>Ingress: IP22 Compliant</p>	<p><b>General</b></p> <p>Dimensions: 2.90"(73.6mm)L x 1.69"(42.8mm)W x 1.28"(32.5mm)H</p> <p>AC Input: Interchangeable Plugs              Output Plug: Barrel Type: 5.5mm x 2.5mm x 9.5mm              Center positive (others upon request)</p> <p>Weight: 0.44 pounds</p>



### Models and Ratings Chart

Model No.	Output voltage	Current	Total Power	Output Regulation	Ripple & Noise (Vp-p)
PEAMW30I-10-B2	5VDC	4.00A	20W	± 5%	100mV
PEAMW30I-11-B2	9VDC	3.00A	27W	± 5%	250mV
PEAMW30I-12-B2	12VDC	2.50A	30W	± 5%	250mV
PEAMW30I-13-B2	15VDC	2.00A	30W	± 5%	250mV
PEAMW30I-13-1-B2	18VDC	1.67A	30W	± 5%	350mV
PEAMW30I-14-B2	24VDC	1.25A	30W	± 5%	350mV
PEAMW30I-17-B2	36VDC	0.83A	30W	± 5%	480mV
PEAMW30I-18-B2	48VDC	0.62A	30W	± 5%	480mV

### Mechanical Outline

