



- Class II Double Insulated
- Interchangeable AC Plugs
- Meets Efficiency Level VI requirements
- <100mW No Load Power Consumption
- Short Circuit Protection
- Overload Protection
- No Load Operation
- MTBF>100,000 hours



Electrical Specifications

<p>Input</p> <p>Input Voltage: 90-264VAC Input Frequency: 47-63 Hz Input Current: <800mA @115Vac input, <400mA @230Vac input</p> <p>Inrush Current: <80A peak @ 115Vac, cold start at 25°C; <40A peak @ 230Vac, cold start at 25°C</p> <p>No Load Power: <100mW</p>	<p>Environmental & Operating</p> <p>Operating Temperature: 0°C to +60°C with output power derating above 40°C at 2.5%/°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: 15-20W, see table for details Output Voltage: See table Hold Up Time: >8.3 msec @ full load and 115VAC/60Hz input Turn On Time: <3 seconds Efficiency: Meets DOE level VI requirements Minimum Load: See table for per-model efficiencies Line Regulation: No minimum load 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 China: CCC Mark, CB Report, CE Mark</p> <p>EMC:</p> <p>FCC Class B Radiated & Conducted EN55011: Class B</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: 2005 1kV diff, 2kV com IEC 61000-4-6: 10Vrms IEC 61000-4-8: 30A/m IEC 61000-4-11: 30% reduction for 500ms, >95% reduction for 10ms.</p>
<p>Protection</p> <p>Overvoltage: 150% Max. of rated voltage. Auto Recovery</p> <p>Short Circuit Overcurrent: Hiccup mode. Auto recovery. 180% Max. of rated current. Auto-restart when fault removed.</p>	<p>General</p> <p>Dimensions: 2.22"(57.2mm)L x 1.54"(39mm)W x 1.33"(34.0mm)H</p> <p>AC Input: Interchangeable Plugs Output Plug: Barrel Type: 5.5mm x 2.1mm x 9.5mm Center positive (others upon request)</p> <p>Weight: 0.24 pounds</p>



Models and Ratings Chart

Model No.	Output voltage	Current	Total Power	Output Regulation	Minimum Avg. Efficiency	Ripple & Noise (Vp-p)
PEAMW20I-10-B1	5VDC	3.00A	15W	± 5%	81.39%	100mV
PEAMW20I-11-B1	9VDC	2.00A	18W	± 5%	85.00%	180mV
PEAMW20I-12-B1	12VDC	1.66A	20W	± 5%	85.47%	180mV
PEAMW20I-13-B1	15VDC	1.33A	20W	± 5%	85.47%	200mV
PEAMW20I-13-1-B1	18VDC	1.11A	20W	± 5%	85.47%	200mV
PEAMW20I-14-B1	24VDC	0.83A	20W	± 5%	85.47%	250mV
PEAMW20I-17-B1	36VDC	0.55A	20W	± 5%	85.47%	360mV
PEAMW20I-18-B1	48VDC	0.41A	20W	± 5%	85.47%	360mV

Mechanical Outline

