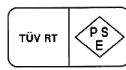




- Class II Configuration
- Interchangeable AC Plugs
- Efficiency Level VI
- <100mW No Load Power Consumption
- Short Circuit Protection
- Overload Protection
- No Load Operation



*Note: Country specific approvals may not apply to all models shown. Please consult factory.

Electrical Specifications

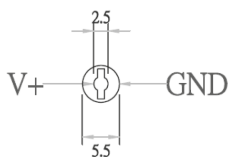
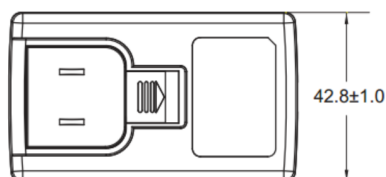
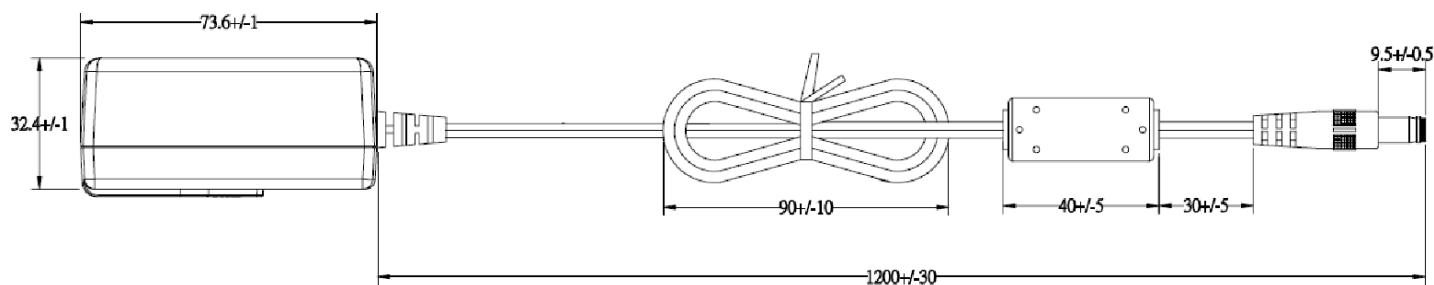
<p>Input</p> <p>Input Voltage: 90-264VAC Input Frequency: 47-63 Hz Input Current: 1.0A -0.5A, 115VAC- 230VAC Safety Isolation: 3.0kVAC Input to Output</p> <p>Inrush Current: <30A peak @ 115VAC, cold start at 25°C <60A peak @ 230VAC, cold start at 25°C</p> <p>No Load Power: < 100mW</p>	<p>Environmental & Operating</p> <p>Operating Temperature: 0°C to +60°C (Derate output power linearly from 100% at 40°C to 50% at 60°C)</p> <p>Storage Temperature: -20°C to +85°C</p> <p>Operating Altitude: <5000m</p> <p>Operating Humidity: 10% - 90% non-condensing</p> <p>Storage Humidity: 5% - 90% non-condensing</p> <p>MTBF: >100,000 hours per MIL-HDBK-217F at full load and 25°C ambient</p>
<p>Output</p> <p>Total Output: 20-30W, see table for details Output Voltage: See table Hold Up Time: >8.3 msec @ full load and 115VAC/60Hz input</p> <p>Turn On Time: <3 seconds</p> <p>Efficiency: 86.9% Avg. min.@ 100~240Vac, 50/60Hz (except PEAW30I-10 83.1% avg. min.) Meets DOE level VI requirements No minimum load</p> <p>Minimum Load: No minimum load</p> <p>Switching Frequency: 50 kHz typical</p> <p>Line Regulation: <± 1% of rated output voltage at full load</p>	<p>Compliance</p> <p>Safety Approvals</p> <p>USA: UL60950-1 Canada: cUL60950-1 Europe: TUV EN60950-1/A12: 2011 CB Report</p> <p>EMC: FCC Class B Radiated & Conducted CISPR22 Class B Radiated & Conducted EN55022 Class B Radiated & Conducted</p> <p>Harmonic Currents: IEC 61000-3-2</p> <p>Voltage Flicker: IEC 61000-3-3</p> <p>Electrostatic Discharge: IEC 61000-4-2: 8kV Air, 6kV contact</p> <p>Radiated Immunity: IEC 61000-4-3: 3V/m</p> <p>EFT/Burst: IEC 61000-4-4: +/-1kV</p> <p>Surge Immunity: IEC 61000-4-5: 2005 1kV diff, 2kV com</p> <p>Conducted Immunity: IEC 61000-4-6: 3Vrms</p> <p>Magnetic Field: IEC 61000-4-8: 1A/m</p> <p>Dips / Interruptions: IEC 61000-4-11: 30% reduction for 500ms, >95% 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>Ingress: IP22 Compliant</p>	<p>General</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</p> <p>Output Plug: Barrel Type: 5.5mm x 2.5mm x 9.5mm Center positive (others upon request)</p> <p>Weight: 0.44 pounds</p>



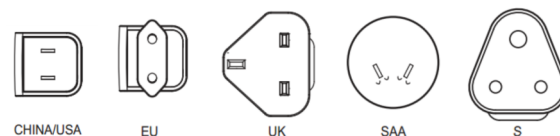
Models and Ratings Chart

Model No.	Output voltage	Current	Total Power	Output Regulation	Ripple & Noise (Vp-p)	Efficiency Level
PEAW30I-10-B2	5VDC	4.00A	20W	± 5%	100mV	VI
PEAW30I-11-B2	9VDC	3.00A	27W	± 5%	250mV	VI
PEAW30I-12-B2	12VDC	2.50A	30W	± 5%	250mV	VI
PEAW36I-12-B2	12VDC	3.00A	36W	± 5%	250mV	VI
PEAW30I-13-B2	15VDC	2.00A	30W	± 5%	250mV	VI
PEAW30I-13-1-B2	18VDC	1.67A	30W	± 5%	350mV	VI
PEAW30I-14-B2	24VDC	1.25A	30W	± 5%	350mV	VI
PEAW36I-14-B2	24VDC	1.50A	36W	± 5%	350mV	VI
PEAW30I-17-B2	36VDC	0.83A	30W	± 5%	480mV	VI
PEAW30I-18-B2	48VDC	0.62A	30W	± 5%	480mV	VI

Mechanical Outline



Standard connector,
others available upon request



CHINA/USA

EU

UK

SAA

S