



36W Desktop C8 Adapter



Features

- Non-Vented/Spill-Proof Case
- US DoE Level VI Efficiency Compliance
- Ecodesign/ErP Lot 7 (EU) 2019/1782 Compliance
- Low Profile Design
- Class B EMI

Applications

- Portable Equipment
- Gaming Machines
- Peripherals and Terminals
- Networking



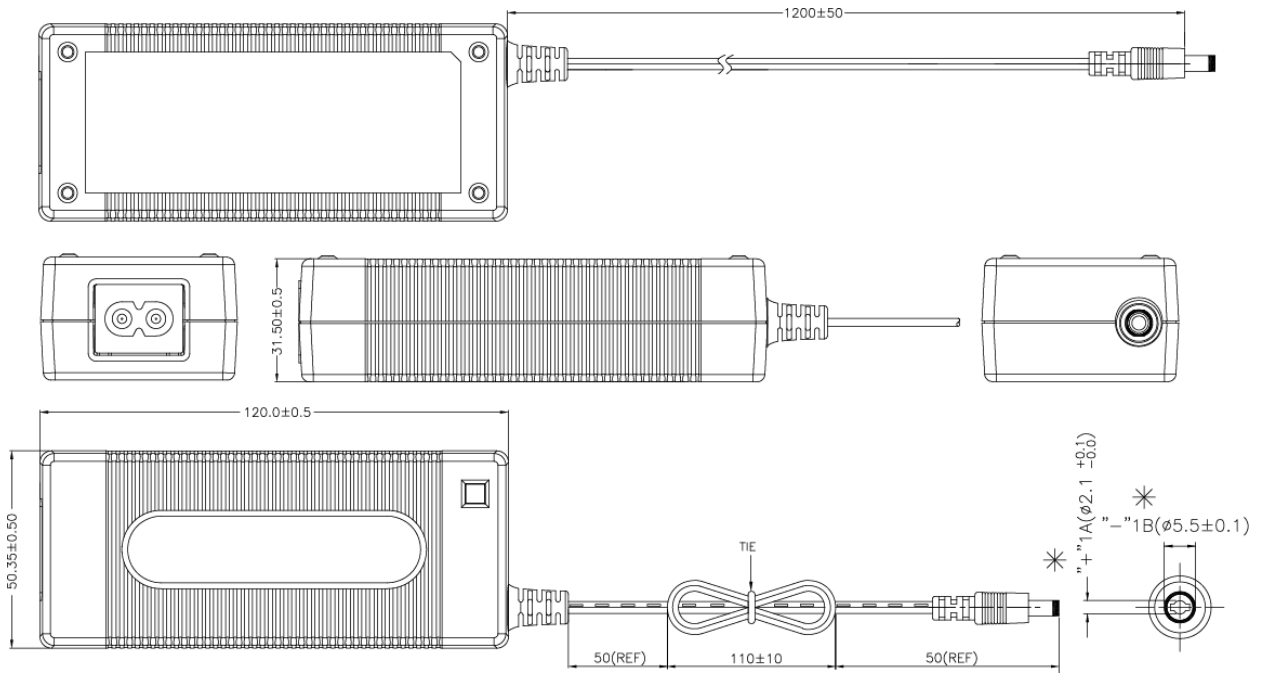


PSM36W-120L6-R Specifications¹

| Model | | PSM36W-120L6-R ² |
|--------------------------|---|--|
| Output | DC Output Voltage | 12.0V |
| | Max Current | 3.0A |
| | Output Power | 36.0W |
| | Regulation | ± 5% |
| | Ripple & Noise P-P(max) ³ | 140mV |
| Input | AC Input Voltage Range | 90 to 264VAC |
| | AC Input Frequency | 47 to 63Hz |
| | Input Current | 1.2A (RMS) max @ 120VAC; 0.8A (RMS) max @ 240VAC |
| | Inrush Current | 60A max., 120VAC (Cold Start at ambient 25°C, full load) |
| | No Load Power Consumption at 115VAC Input | 0.055W |
| | No Load Power Consumption at 230VAC Input | 0.088W |
| | 115VAC Average Efficiency ⁴ | 87.86% |
| | 230VAC Average Efficiency ⁴ | 88.68% |
| | 230VAC 10% Load Efficiency ⁴ | 85.77% |
| Protection | Leakage Current | 0.25mA max |
| | Over-Voltage | Auto restart |
| | Short Circuit | Output can be shorted permanently without damage |
| Environmental | Over-Current | <5A. Auto restart |
| | Operating Temperature | 0°C to +45°C |
| | Non-Operating Temperature | -40° to +80°C |
| Safety Approvals and EMC | Operating Humidity | 15 to +90% |
| | Dielectric Withstand (HI-POT) | Primary to Secondary: 3000VAC for 1min, 10mA |
| | Insulation Resistance | Primary to Secondary: >7M ohm for 500VDC |
| | Standards | cULus 60950-1, IEC 60950-1, |
| | EMI Emissions | FCC Part 15 Class B, CAN ICES-003(B)/NMB-003(B), EN 55022/CISPR 22 Class B Conducted and Radiated |
| | Harmonic Current Emissions | IEC 61000-3-2 |
| | Voltage Fluctuations & Flicker | IEC 61000-3-3 |
| Mechanical | Immunity | EN 55024/CISPR 24: IEC 61000-4-2 (+/- 8kV air, +/- 4kV contact), IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5 (+/- 1kV), IEC 61000-4-6, IEC 61000-4-8, IEC 61000-4-11 |
| | Dimensions (L x W x H) | 120mm (4.72in) x 50mm (1.97in) x 31.5mm (1.27in) |
| | Weight | 250g |
| | Cable Length | 1200mm |
| | DC Output Connector | 2.1mm x 5.5mm x 11.2mm |
| | Output Wire Type | 16 AWG |
| | DC Plug Pin Assignment | Inner (V+) / Outer GND (V-) |
| Input Connector | IEC 60320 C8 | |
| Notes | <ol style="list-style-type: none"> The specifications defined are at ambient temperature of 25C, unless otherwise specified. Special order item. Minimum order quantity applies. 20MHz bandwidth frequency oscilloscope, add a 0.1µF multilayer Cap. and Low ESR Electrolytic Cap. (10µF) at output connector terminals (nominal line voltage, full load). Efficiency is measured after 30 minutes burn-in. | |



PSM36W-120L6 Outline Drawing





**Supplier's Declaration of Conformity
47 CFR § 2.1077 Compliance Information**

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This device complies with/The devices in this product series comply with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.



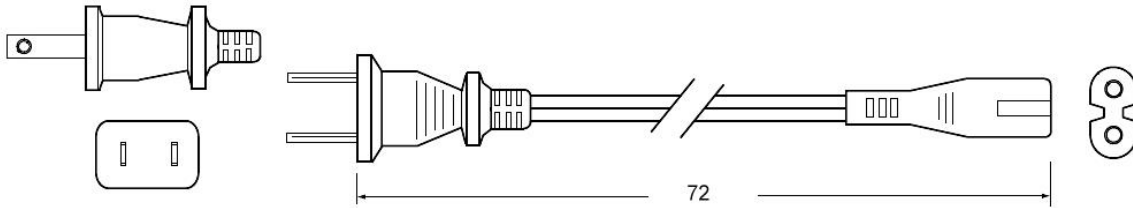
Line Cords - Sold Separately

| Model | | AC15WNA-R | AC15WEU-R | AC15WUK-R |
|------------------|-----------------|---|--|---|
| Specifications | Plug Type | North America NEMA 1-15P | Continental Europe CEE 7XVI | United Kingdom BS 1363 |
| | Connector | IEC320 C7 | IEC320 C7 | IEC320 C7 |
| | Wire Size | 18 AWG | 0.75mm | 0.75mm |
| | Temperature | 60°C | 70°C | 70 °C |
| | Amperage Rating | 10A | 2.5A | 5A |
| | Voltage Rating | 125V | 250V | 250V |
| | Cable Length | 72mm | 1830mm | 1830mm |
| Safety Approvals | | CSA; UL | CEBEC; DEMKO; DVE; FIMKO; GOST; IMQ; KEMA; NEMKO; NF; OVE; SEMKO; SEV | BSI; Safety Mark |
| Photos | |  |  |  |

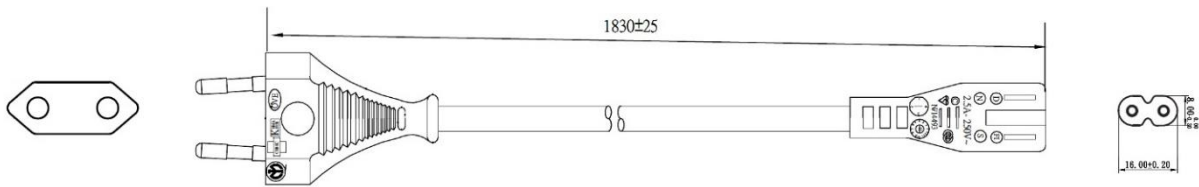


Line Cords - Outline Drawings

AC15WNA-R



AC15WEU-R



AC15WUK-R

