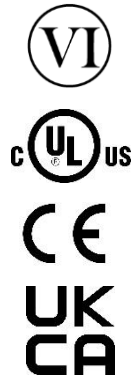




60W Desktop C6 Adapter Series



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
- Notebook Computers
- Networking



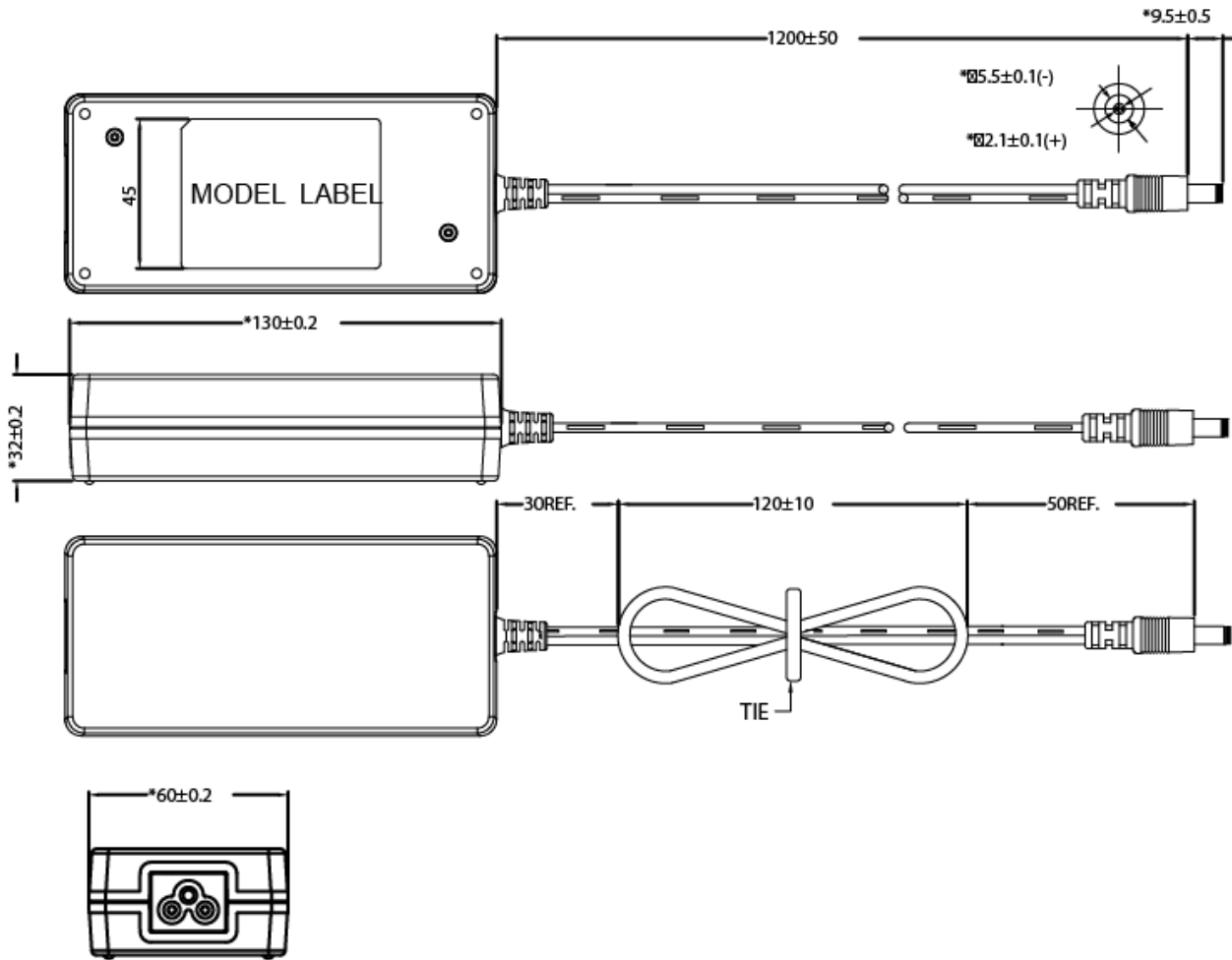
PSAC60M Series Specifications¹

| Model | | PSAC60M-120-R ² | PSAC60M-180-R ² | PSAC60M-240-R ² |
|--------------------------|---|--|----------------------------|----------------------------|
| Output | DC Output Voltage | 12.0V | 18.0V | 24.0V |
| | Max Current | 5.0A | 3.33A | 2.5A |
| | Output Power | 60.0W | 59.94W | 60.0W |
| | Regulation | ±5% | ±5% | ±5% |
| | Ripple & Noise P-P(max) ³ | 200mV | 180mV | 350mV |
| Input | AC Input Voltage Range | 90 to 264VAC | | |
| | AC Input Frequency | 47 to 63Hz | | |
| | Input Current | 1.5A (RMS) max @120VAC | | |
| | Inrush Current | 150A max., 240VAC (Cold Start at ambient 25°C, full load) | | |
| | No Load Power Consumption at 115VAC Input | 0.089W | 0.098W | 0.099W |
| | No Load Power Consumption at 230VAC Input | 0.123W | 0.139W | 0.140W |
| | 115VAC Average Efficiency ⁴ | 88.40% | 88.94% | 89.08% |
| | 230VAC Average Efficiency ⁴ | 88.85% | 89.30% | 89.50% |
| | 230VAC 10% Load Efficiency ⁴ | 86.12% | 87.48% | 86.17% |
| | Leakage Current | 3.5mA max | | |
| Protection | Over-Voltage | 20V max, Latch off | 27 max, Latch off | 36V max, Latch off |
| | Short Circuit | Output can be shorted permanently without damage | | |
| | Over-Current | 8A max, Auto restart | 6A max, Auto restart | 4A max, Auto restart |
| Environmental | Operating Temperature | 0°C to +40°C | | |
| | Non-Operating Temperature | -20° to +70°C | | |
| | Operating Humidity | 5 to +90% | | |
| Safety Approvals and EMC | 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 55032/CISPR 32 Class B Conducted and Radiated | | |
| | Harmonic Current Emissions | IEC 61000-3-2 | | |
| | Voltage Fluctuations & Flicker | IEC 61000-3-3 | | |
| | 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 (+/- 2kV), IEC 61000-4-6, IEC 61000-4-8, IEC 61000-4-11 | | |
| Mechanical | Dimensions (L x W x H) | 130mm (5.12in) x 60mm (2.36in) x 32.0mm (1.30in) | | |
| | Weight | 305g | | |
| | Cable Length | 1200mm | | |
| | Output Cable Type | 16 AWG | 18 AWG | |
| | DC Output Connector | 2.1mm x 5.5mm x 9.5mm | | |
| | DC Plug Pin Assignment | Inner (V+) / Outer GND (V-) | | |
| | Input Connector | IEC 60320 C6 | | |

| Model | | PSAC60M-480-R ² | PSAC60M-560-R ² |
|--------------------------|---|--|----------------------------|
| Output | DC Output Voltage | 48.0V | 56.0V |
| | Max Current | 1.25A | 1.08A |
| | Output Power | 60.0W | 60.48W |
| | Regulation | ±5% | ±5% |
| | Ripple & Noise P-P(max) ³ | 480mV | 560mV |
| Input | AC Input Voltage Range | 90 to 264VAC | |
| | AC Input Frequency | 47 to 63Hz | |
| | Input Current | 1.5A (RMS) max @120VAC | |
| | Inrush Current | 90A max., 100VAC; 150A max., 240VAC (Cold Start at ambient 25°C, full load) | |
| | No Load Power Consumption at 115VAC Input | 0.119W | 0.126W |
| | No Load Power Consumption at 230VAC Input | 0.147W | 0.155W |
| | 115VAC Average Efficiency ⁴ | 90.14% | 90.70% |
| | 230VAC Average Efficiency ⁴ | 90.00% | 90.43% |
| | 230VAC 10% Load Efficiency ⁴ | 85.85% | 84.80% |
| | Leakage Current | 3.5mA max | |
| Protection | Over-Voltage | 72V max, Latch off | 84V max, Latch off |
| | Short Circuit | Output can be shorted permanently without damage | |
| | Over-Current | 2A max, Auto restart | 1.9A max, Auto restart |
| Environmental | Operating Temperature | 0°C to +40°C | |
| | Non-Operating Temperature | -20° to +70°C | |
| | Operating Humidity | 5 to +90% | |
| Safety Approvals and EMC | 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 55032/CISPR 32 Class B Conducted and Radiated | |
| | Harmonic Current Emissions | IEC 61000-3-2 | |
| | Voltage Fluctuations & Flicker | IEC 61000-3-3 | |
| | 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 (+/- 2kV), IEC 61000-4-6, IEC 61000-4-8, IEC 61000-4-11 | |
| Mechanical | Dimensions (L x W x H) | 130mm (5.12in) x 60mm (2.36in) x 32.0mm (1.30in) | |
| | Weight | 305g | |
| | Cable Length | 1200mm | |
| | Output Cable Type | 20 AWG | |
| | DC Output Connector | 2.1mm x 5.5mm x 9.5mm | |
| | DC Plug Pin Assignment | Inner (V+) / Outer GND (V-) | |
| | Input Connector | IEC 60320 C6 | |
| Notes | <ol style="list-style-type: none"> The specifications defined are at ambient temperature of 25C, unless otherwise specified. Not recommended for new designs (NRND). 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. | | |



PSAC60M Outline Drawing






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

Phihong USA Corporation
47800 Fremont Boulevard
Fremont, CA 94538
Telephone: (510) 445-0100
www.phihong.com

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.

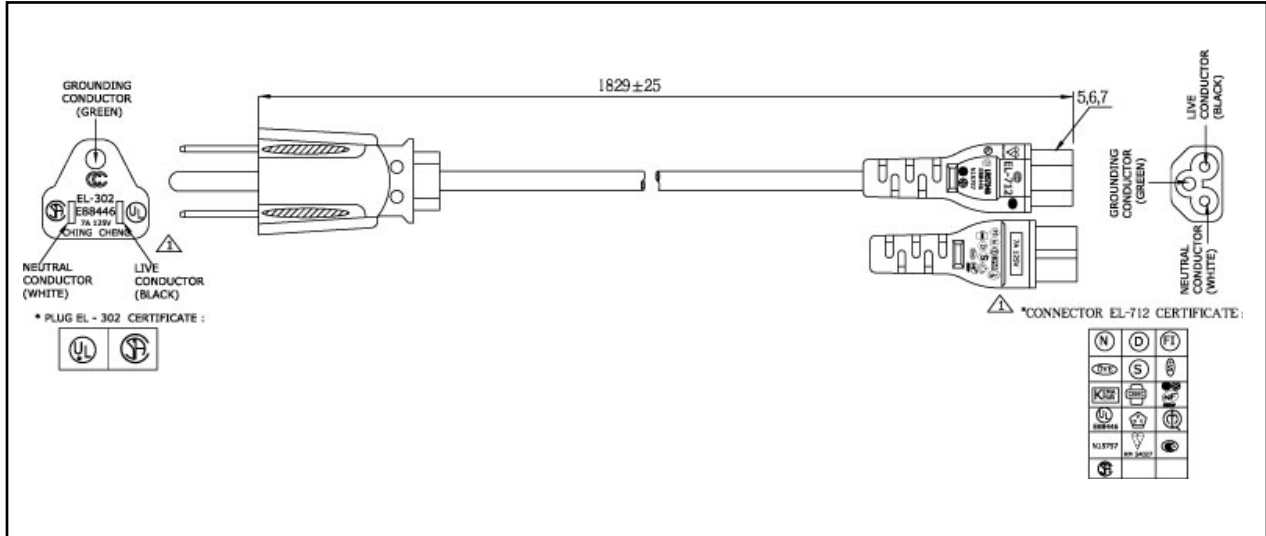


Line Cords - Sold Separately

| Model | | AC30MNA-R |
|------------------|-----------------|--|
| Specifications | Plug Type | North America NEMA 5-15P |
| | Connector | IEC320 C6 |
| | Wire Size | 18 AWG |
| | Temperature | 60°C |
| | Amperage Rating | 7A |
| | Voltage Rating | 125V |
| | Cable Length | 1829mm |
| Safety Approvals | | CSA; UL |
| Photos | |  |



Line Cords - Outline Drawings



X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Desktop AC Adapters](#) category:

Click to view products by [Phihong](#) manufacturer:

Other Similar products are found below :

[212A2136](#) [ADP485-01](#) [SWA-1202](#) [SWA-1501](#) [212A2220](#) [KR8-PS01](#) [1894875](#) [FWE050024B-10A](#) [820A4080G](#) [825A0057-03](#) [SWA-1704W](#) [AD5012N2LM-\(401\)](#) [TRH21A120-49E03-Level-VI](#) [FWC100024A-11A](#) [FWE050012B-10A](#) [AC-DC ADAPTER 90W w/ Cable](#) [FWA065024A-11A](#) [PSA120U-560L6](#) [96PSA-A63W18V1-M](#) [1895235](#) [PW-C0725-W2-B](#) [57-U1](#) [57-U2](#) [SED80N2-16.0](#) [SED80N3-16.0](#) [RFQ43442-01](#) [YS50-1903150](#) [50966124050E](#) [MEA-045AA2C K-A](#) [PCM50UT04](#) [PCM50UT05](#) [CPSUNOTAKY-07056](#) [CPSUNOTAKY-07168](#) [CPSUNOTAKY-07169](#) [CPSUNOTAKY-07234](#) [CPSUNOTAKY-07236](#) [CPSUNOTAKY-07288](#) [CPSUNOTAKY-07312](#) [CPSUNOTAKY-07342](#) [CPSUNOTAKY-07388](#) [TE30A0503F01](#) [TE30A4803F01](#) [TE40A2403F01](#) [TE40A2403N01](#) [ME30A1803N01](#) [ME30A4803F01](#) [ME40A1203N01](#) [ME40A2403N01](#) [MENT1150A2451F01](#) [125530040F](#)