



60 Watt Universal 2-Wire Input Adapter



Features

- Low Cost
- DOE Level VI Compliant
- Class B EMI
- Ecodesign ErP Directive 2009/125/EC Compliant
- Non-vented/Spill-proof Case
- No Load Power consumption 150mW max
- Low Profile Design
- Limited Power Source

Applications

- Portable Equipment
- Peripherals
- Networking
- Gaming Machines

Safety Approvals

- cUL/UL
- CB
- CE

Mechanical Characteristics

- Length: 130mm (5.12in)
- Width: 60mm (2.36in)
- Height: 32mm (1.30in)
- Weight: 305g (10.76oz)

Output Specifications

| Model | DC Output Voltage | Load | | Ripple ⁽¹⁾ P-P (max.) | Regulation Line & Load |
|---------------|-------------------|------|-------|----------------------------------|------------------------|
| | | Min. | Max. | | |
| PSAC60W-120-R | +12V | 0A | 5.0A | 200mV | ±5% |
| PSAC60W-180-R | +18V | 0A | 3.33A | 180mV | ±5% |
| PSAC60W-240-R | +24V | 0A | 2.5A | 350mV | ±5% |
| PSAC60W-480-R | +48V | 0A | 1.25A | 480mV | ±5% |
| PSAC60W-560-R | +56V | 0A | 1.08A | 560mV | ±5% |

Notes:

1. Measured with a 10uF capacitor and a 0.1uF capacitor at output connector terminal and oscilloscope set at 20MHz.

Input:**AC Input Voltage Rating**

100 to 240V AC

AC Input Frequency

47 to 63Hz

Input Current

1.5A at 120V AC

Leakage Current

0.25mA maximum at 254V AC and 60Hz

Inrush Current

90A maximum at 100V AC

150A maximum at 240V AC

Input Power Saving

150mW max

Output:**Output Power**

60W

Efficiency²

DOE Level VI

Environmental:**Temperature**

Operation 0 to +40°C

Non-operation -20 to +70°C

Humidity 5 to 90%

Emissions

Complies with FCC Class B

Complies with EN55032 Class B

Immunity

IEC61000-4-2 Level 4

IEC61000-4-5 Level 3

Over-Voltage Protection

Latch off

Over-Current Protection

Auto-restart

Short-Circuit Protection

Output can be shorted permanently without damage

Isolation

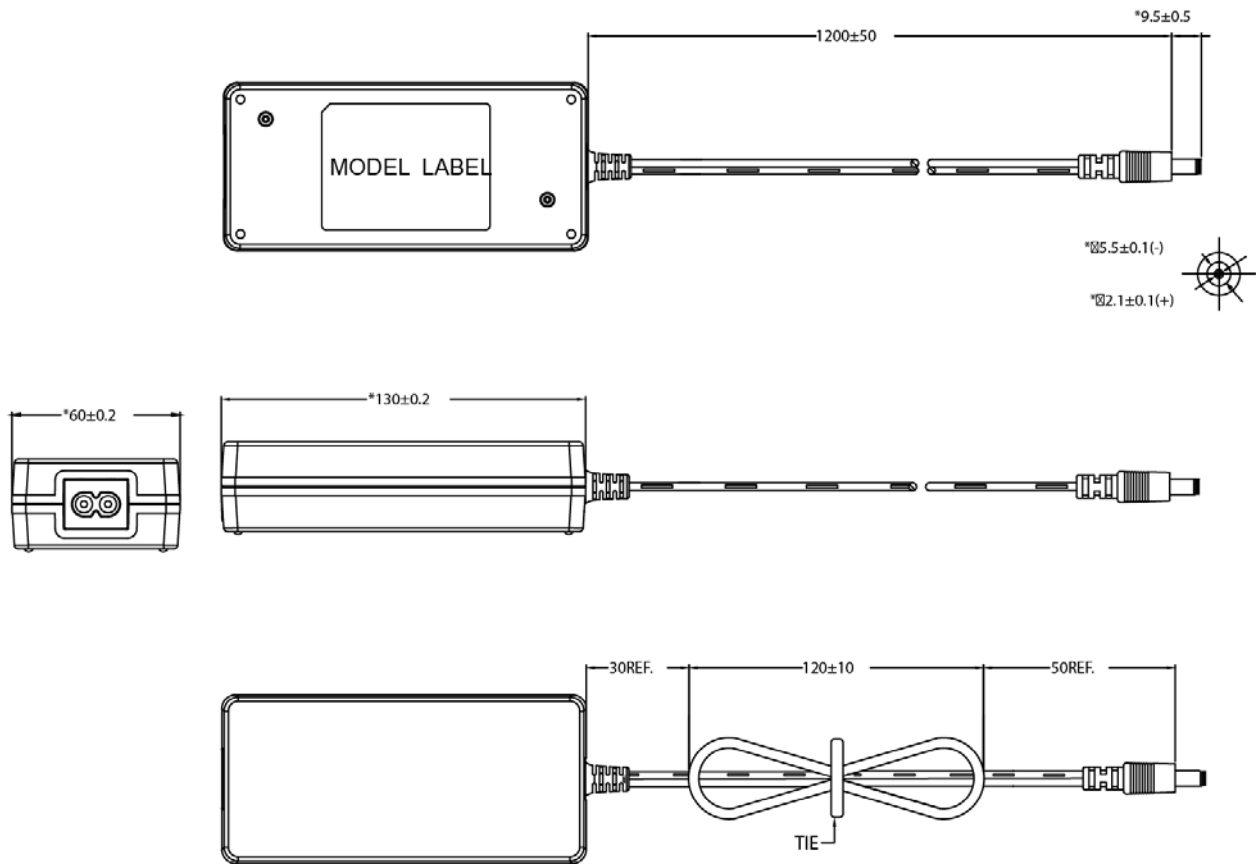
Primary to Secondary: 500V DC

>7M OHM

Dielectric Withstand (Hi-pot) TestPrimary to Secondary: 3000V AC for 1 min.,
10mA**DC Output Connector**2.1mm x 5.5mm x 9.5mm Center Positive
Barrel**Notes:**

1. The characteristics defined are at ambient temperature of 25°C unless otherwise specified
2. Efficiency is measured after 30minutes burn-in

Dimension Diagram Unit: mm



Accessories – Sold Separately

AC15WNA – Two Wire Power Cord for North America



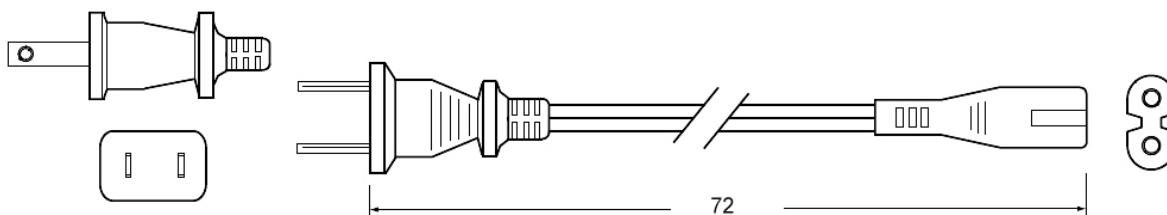
Specifications

- Plug Type: NEMA 1-15P
- Wire Size 18AWG
- Amperage Rating: 10A
- Connector: IEC320 C7
- Temperature: 60°C
- Voltage Rating: 125V

Safety Approvals

- CSA
- UL

Dimension Diagram Unit: inches



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AC15WEU – Two Wire Power Cord for Continental Europe



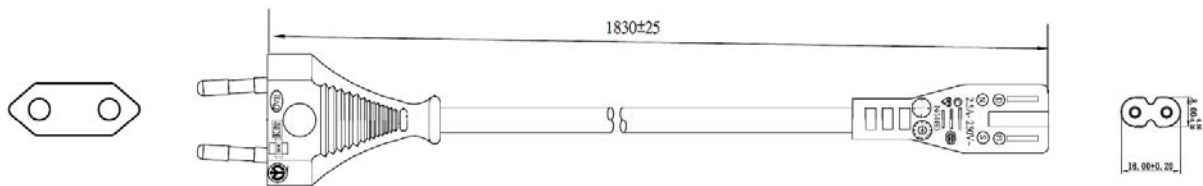
Specifications

- Plug Type: CEE 7XVI
- Wire Size 0.75mm²
- Amperage Rating: 2.5A
- Connector: IEC320 C7
- Temperature: 70°C
- Voltage Rating: 250V

Safety Approvals

- CE
- DEMKO
- DVE
- FIMKO
- GOST
- IMQ
- KEMA
- NEMKO
- NF
- ÖVE
- SEMKO
- SEV

Dimension Diagram Unit: mm (inch)



AC15WUK – Two Wire Power Cord for United Kingdom



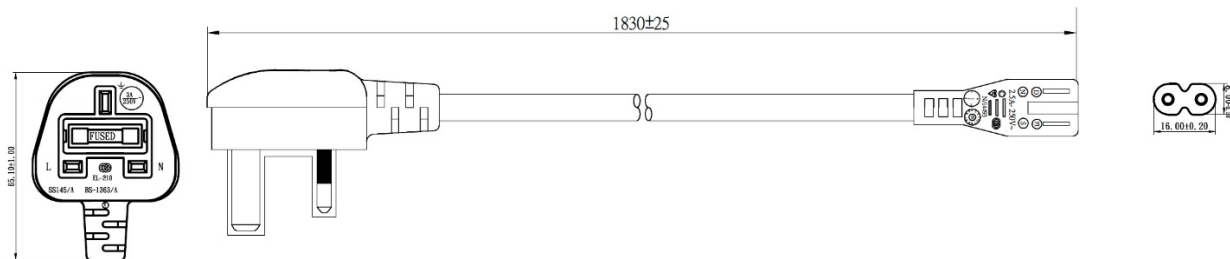
Specifications

- Plug Type: BS 1363
- Wire Size 0.75mm²
- Amperage Rating: 5A
- Connector: IEC320 C7
- Temperature: 70°C
- Voltage Rating: 250V

Safety Approvals

- BSI
- Safety Mark

Dimension Diagram Unit: mm



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

**PSAC60W-120-R
PSAC60W-180-R
PSAC60W-240-R
PSAC60W-480-R
PSAC60W-560-R**

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

NOTE: This model has/The models in this products series have been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications to equipment not expressly approved by PHIHONG could void the user's authority to operate the equipment.