



18 WATT INTERCHANGEABLE PLUG PSA18R-120P Wall Plug Adapter Meets EISA and CEC Requirements



Features

- Class B EMI
- No Load Power Consumption < 0.3 Watt
- Energy Star EPS Version 2.0 Compliant
- Interchangeable AC Plugs
- Class II Double Insulated
- EISA and CEC Compliant
- Short-Circuit Protection

Applications

- Wireless Communications
- Peripherals
- Portable Equipment
- Networking Equipment

Safety Approvals

- cUL/UL
- TUV
- CE
- SAA
- C-Tick
- CCC
- PSE
- BSMI
- PSB

Mechanical Characteristics

- Length: 71.7mm (2.82in)
- Width: 50mm (1.97in)
- Height: 33.3mm (1.31in)
- Weight: 170g (6.00oz)

Output Specifications

| Model | DC Output Voltage | Load | | Ripple (1) P-P (max) | Regulation | | Efficiency Level |
|-------------|-------------------|------|------|----------------------|------------|------|------------------|
| | | Min. | Max. | | Line | Load | |
| PSA18R-120P | 12V | 0A | 1.5A | 120mV | ±5% | | |

Note: (1) Measured after 30 minutes with by-pass capacitors 0.1uf/10uf at output connector terminal and oscilloscope set at 20 Mhz.

Interchangeable clips sold separately.

Phihong reserves the right to make changes without further notice. Please consult Phihong USA and visit www.phihong.com for the most up-to-date specifications.

INPUT:

AC Input Voltage Rating
100 to 240VAC

AC Input Voltage Range
90 to 264VAC

Input Current
0.5A(RMS) max. @ 120VAC
0.25A(RMS) max. @ 240VAC

Leakage Current
0.25mA max. @ all line conditions

Inrush Current (cold)
< 30A for 120VAC at max. load
< 60A for 240VAC at max. load
(Cold start @ ambient 25°C)

Input Power Saving
0.3W maximum at no load

OUTPUT:

Efficiency
> 80.3% average efficiency

Hold-up Time
10mS min. @ 120VAC and max. load

Over Current Protection
Output equipped with short circuit protection – auto restart

Over Voltage Protection
< 20Vpk, auto restart

Short Circuit Protection
Output can be shorted without damage

ENVIRONMENTAL:
Temperature
Operation 0 to +40°C
Non-operation -25 to +75°C

Humidity (Relative)
Operation and Storage 20 to 90%

Emissions
FCC Class B
CISPR 22 Class B

Dielectric Withstand (Hi-pot) Test
Primary to Secondary: 3000VAC for 10mA 1min.

DC Output Connector
2.1x5.5mm Center Positive Standard

Mating Connector
Kycon KLD-0202-A or equivalent

AC Input Clips (sold separately)
US: RPA
Europe: RPE
UK: RPK
Australia: RPS

Dimension Diagram Unit: mm (inch)

