



60W Interchangeable Clip Wall Plug Series PSA60R Adapter Series Meets EISA and Ecodesign Regulations



Features

- Class B EMI
- Very low leakage
- Ecodesign ErP Directive Compliant
- Double Insulated
- Efficiency Level V
- EISA Compliant
- Interchangeable AC Clips
- No load power saving

Applications

- Portable Equipment
- Gaming Machines
- Networking
- Peripherals

Safety Approvals

- CE
- SAA
- cUL/UL
- C-Tick

Mechanical Characteristics

- Length: 103mm (4.06in)
- Width: 66mm (2.59in)
- Height: 40mm (1.57in)
- Weight: 270g (9.5oz)

Output Specifications

Model	DC Output Voltage	Load		Ripple ⁽¹⁾ P-P (max.)	Efficiency Level
		Min.	Max.		
PSA60R-120	12V	0A	5.0A	150mV	V
PSA60R-240	24V	0A	2.5A	240mV	V
PSA60R-560	56V	0A	1.07A	560mV	V

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

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Input:

AC Input Voltage Rating
100 to 240V AC

AC Input Voltage Range
90 to 264V AC

AC Input Frequency
47 to 63Hz

Input Current
1.5A (RMS) maximum at 120V AC

Leakage Current
0.25mA maximum

Inrush Current
<60A for 100V AC at maximum load
<100A for 240V AC at maximum load
(Cold start at ambient 25°C)

Input Power Saving
0.3W maximum at no load

Rise Time
100mS maximum at full load, 120V AC

Output:
Efficiency
87-92%; meets requirements for Level V efficiency marking

Environmental:

Temperature
Operation 0 to +40°C
Non-operation -25 to +70°C
Humidity 0 to 90%

Emissions
FCC Class B
EN55022 Class B

Immunity
IEC61000-4-2 Level 4
IEC61000-4-3
IEC61000-4-4
IEC61000-4-5
IEC61000-4-6
IEC61000-4-8
IEC61000-4-11
EN61000-3-2

Over-Voltage/Over-Current Protection
Auto restart without damage

Short-Circuit Protection
Output can be shorted without damage

Dielectric Withstand (Hi-pot) Test
Input to Output: 3000V AC for 1 min., 10mA

Insulation Resistance
Input to output: 7M ohm, 500V DC

DC Output Connector (Barrel Type)
2.1 x 5.5 x 9.5mm Center Positive Standard

DC Cord Length
1.25m for 12V Model, 1.5m for 24V & 56V models

AC Input Clips (sold separately)

RPA: US	RPI: India
RPB: Brazil	RPK: UK
RPC: China	RPN: Argentina
RPE: Europe	RPS: Australia
RPH: Korea	RPX: IEC320 C8

Dimension Diagram Unit: mm

