



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

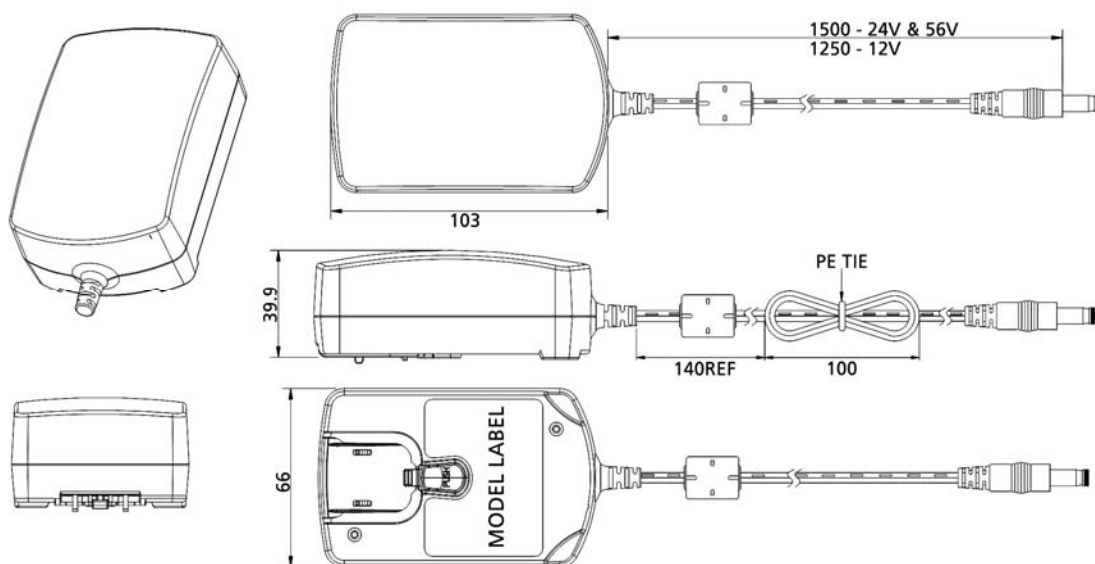
RPN: Argentina

RPE: Europe

RPS: Australia

RPH: Korea

RPX: IEC320 C8

Dimension Diagram Unit: mm

Mouser Electronics

Authorized Distributor

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