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18 Watt Interchangeable Plug Series PSA18R Wall Plug Adapter Meets EISA and CEC Requirement



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C-Tick

PSE

PSB

BSMI

- Ecodesign ErP Directive 2009/125/EC
- level 2 annex 1b Compliant
 Applications
 - Wireless Communications
 - Peripherals
- Safety Approvals
 - cUL/UL
 - TUV
 - CE
 - SAA

Mechanical Characteristics

- Length: 71.7mm (2.82in)
- Width: 50mm (1.01in)

• Height: 33.3mm (1.31in)

Short-Circuit Protection

Portable Equipment

Networking Equipment

Interchangeable AC Plugs

• Weight: 170g (6.00oz)

Output Specifications

Model ⁽¹⁾	DC Output	Load		Ripple ⁽²⁾	Regulation	Efficiency
widder	Voltage	Min.	Max.	P-P (max.)	Line & Load	Level
PSA18R-120P	12V	0A	1.5	120mV	±5%	V

(1) Minimum order quantity required.

(2) Measured after 30 minutes with by-pass capacitors 0.1uF/10uF at output connector terminal and oscilloscope set at 20Mhz. Interchangeable clips sold separately.

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PSA18R Characteristics

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 0.5A (RMS) maximum at 120V AC 0.25A (RMS) maximum at 240V AC

Leakage Current 0.25mA maximum at all line conditions

Inrush Current <30A for 120V AC at maximum load <60A for 240V AC at maximum load (Cold start at ambient 25°C)

Input Power Saving <0.3W maximum at no load

Output: Efficiency >80.3% average efficiency

Hold-up Time 10mS minimum at 120V Ac and maximum load

Environmental:

Temperature Operation Non-operation Humidity

0 to +40°C -25 to +75°C 20 to 90%

Dimension Diagram Unit: mm (inch)

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Emissions FCC Class B

EN55022 Class B

Immunity

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

Over-Voltage Protection <20Vpk, auto restart

Over-Current Protection Short-circuit protection – auto-restart

Short-Circuit Protection Output can be shorted without damage

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

DC Output Connector 2.1 x 5.5mm Center positive Standard

Mating Connector Kycon KLD-0202-A or equivalent

AC Input Clips (sold separately) RPA: US RPI: India

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

