



20 Watt Interchangeable Plug Series PSAA20R Adapter Series Meets DOE Level VI



Features

- Efficiency Level VI Compliance
- Class B EMI
- Ecodesign ErP Directive 2009/125/EC Level 2 annex 1b Compliant
- No-load Power Saving
- High Efficiency
- Compact Size
- Class II Double Insulated

Applications

- Peripherals
- Gaming Machines
- Point of Sale Equipment
- Network Equipment

Safety Approvals

- UL/cUL 60950-1
- CE
- CB
- SAA+C-TICK+MEPS

Mechanical Characteristics

- Length: 82.7mm (3.26in)
- Width: 55mm (2.17in)
- Height: 39.1mm (1.54in)
- Weight: 180g (6.35oz)

Output Specifications

Model	DC Output Voltage	Load		Regulation		Output Power	Efficiency Level
		Min.	Max.	Line	Load		
PSAA20R-050L6	5V	0A	4.00A	±5%		20W	VI
PSAA20R-120L6	12V	0A	1.67A	±5%		20W	VI
PSAA20R-240L6	24V	0A	0.83A	±5%		20W	VI
PSAA20R-480L6	48V	0A	0.42A	±5%		20W	VI

Interchangeable Clips Sold Separately

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Input:
AC Input Voltage Rating

100 to 240V AC

AC Input Voltage Range

90V AC to 264V AC

AC Input Frequency

47 to 63Hz

Input Current

0.8A (RMS) Max. @120VAC & Max. load

0.5A (RMS) Max. @240VAC & Max. load

Leakage Current

0.25mA maximum at 264V AC/60Hz

Inrush Current

60A Max. @100VAC & Max. load

100A Max. @240VAC & Max. load (Cold start at ambient 25°C)

Input Power Saving

<0.1W Max. @230VAC, 50Hz

Output Efficiency

DOE Level VI

Ripple

5V – 80mV 24V – 120mV

12V – 120mV 48V – 120mV

Hold-up Time

10ms Min.@ full load 115VAC/ 60Hz

Over-Current Protection

Short circuit. Auto Restart.

Short-Circuit Protection

Output can be shorted permanently without damage

Environmental: Temperature

Operation 0 to +40°C

Non-operation -20 to +75°C

Humidity 20 to 90%

Emissions

FCC Class B

EN55022 Class B

Immunity

EN61000-4-2 Level 4

EN61000-4-3 Level 2

EN61000-4-4 Level 2

EN61000-4-5 Level 2

EN61000-4-6 Level 2

EN61000-4-8 Level 1

EN61000-4-11

Dielectric Withstand (Hi-pot) Test

Primary to Secondary: 3000 Vac or 4242 Vdc , 10 mA
1minute. 3600 Vac or 5090 Vdc , 10 mA 3Second.

DC Output Connector

Female plug, 5.5mm O.D., 2.1mm I.D., 9.5mm length.
Center conductor positive

DC Cord Length

1500mm

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 (inch)
