



20 Watt Interchangeable Plug Series



Interchangeable Clips Sold Separately



Features

- Efficiency Level VI Compliant
- 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: 39mm (1.54in)
- Weight: 180g (6.35oz)

Output Specifications

Model	DC Output Voltage	Load		Regulation		Ripple ¹ P-P (max.)	Output Power
		Min.	Max.	Line	Load		
PSAA20R-050L6	5V	0A	4.00A	±5%		100mV	20W

Notes:1- Measured with by-pass capacitors 0.1uF/10uF at output connector terminal & oscilloscope set at 20 MHz.(30 minute warm up period)

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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

Hold-up Time

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

Over-Current Protection

Auto Restart.

Short-Circuit Protection

Output can be shorted permanently without damage

Over Voltage Protection

10VDC max

Environmental:**Temperature**

Operation 0 to +40°C

Non-operation -20 to +75°C

Humidity 20 to 90%

Emissions

Complies with FCC Class B

Complies with EN55032 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) TestPrimary to Secondary: 3000 Vac or 4242 Vdc ,
10 mA 1minute. 3600 Vac or 5090 Vdc , 10
mA 3Second.**DC Output Connector**2.1mm x 5.5mm x 10mm Center conductor
positive**DC Cord Length**

1000mm

AC Input clips (sold separately)

RPA – US

RPB – Brazil

RPC – China

RPE – Europe

RPH – Korea

RPI – India

RPK – UK

RPN – Argentina

RPS – Australia

RPX – IEC320 C8

Dimension Diagram Unit: mm (inch)

