



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

Phihong is not responsible for any error, and reserves the right to make changes without notice. Please visit our website at www.phihong.com for the most up-to-date specifications and contact information.

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)

