



## 20 Watt Interchangeable Plug Series PSC20R Adapter Series Meets CEC and EISA Requirements



### Features

- Limited Power Source
- Class B EMI
- Efficiency Level IV Compliance
- Class II Double Insulated
- No-load Power Saving
- High Efficiency

### Applications

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

### Safety Approvals

- cUL/UL
- TUV
- C-Tick
- CE
- SAA

### Mechanical Characteristics

- Length: 100mm (3.9in)
- Width: 63mm (2.5in)
- Height: 36mm (1.4in)
- Weight: 260g (9oz)

### Output Specifications

Model	DC Output Voltage	Load		Ripple <sup>(1)</sup> P-P (max.)	Regulation <sup>(2)</sup> Line & Load	Efficiency Level
		Min.	Max.			
PSC20R-120	12V	0A	1.67A	120mV	±5%	IV
PSC20R-180	18V	0A	1.11A	180mV	±5%	IV
PSC20R-240	24V	0A	0.83A	240mV	±5%	IV

(1) Measured with by-pass capacitors 0.1uF/10uF at output connector terminal.

(2) At no load to full load, 1.8 meter (6ft) DC cord, measured at the plug.

Interchangeable Clips Sold Separately

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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**

0.6A (RMS) maximum at 120V AC

0.4A (RMS) maximum at 240V AC

**Leakage Current**

0.25mA maximum

**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**

0.5W maximum at no load

**Output:**

**Efficiency**

>77% average efficiency

**Hold-up Time**

10mS minimum at 120V AC and maximum load

**Environmental:**

**Temperature**

Operation 0 to +45°C

Non-operation -25 to +75°C

Humidity 20 to 90%

**Emissions**

FCC Class B

EN55022 Class B

**Immunity**

IEC61000-4-2

IEC61000-4-3

IEC61000-4-4

IEC61000-4-5

IEC61000-4-6

IEC61000-4-11

EN61000-3-2

**Over-Voltage Protection**

120% by Zener Clamping

**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 Barrel

**Mating Connector**

Kycon KLD-0202-A or equivalent

**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)**

