



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
- SAA
- C-Tick

Mechanical Characteristics

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

Output Specifications

Model ⁽³⁾	DC Output Voltage	Load		Ripple ⁽¹⁾ P-P (max.)	Regulation ⁽²⁾ Line & Load	Efficiency Level ⁽⁴⁾
		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.

(3) Minimum order quantity of 2000 pieces applies

(4) Level IV efficient products do not qualify for CE marking and therefore cannot be sold to countries in the EU

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)

