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30W Interchangeable Plug Series **PSC30R Adapter Series Meets CEC and EISA Requirements**













Features

- **Limited Power Source**
- Level IV Efficiency Compliance
- Class II Double Insulated
- Class B EMI

Applications

- Peripherals
- **Gaming Machines**

- Point of Sale Equipment
- Network Equipment

Safety Approvals

- cUL/UL
- TUV
- SAA

- CE
- C-Tick

Mechanical Characteristics

• Length: 100mm (3.9in) Width: 63mm (2.5in)

Height: 36mm (1.4in) Weight: 260g (9oz)

Output Specifications

| Model | DC Output | Load | | Ripple | Regulation | | Efficiency |
|------------|-----------|------|-------|------------|------------|------|------------|
| | Voltage | Min. | Max. | P-P (max.) | Line | Load | Level |
| PSC30R-120 | 12V | 0A | 2.50A | 120mV | ±1% | ±5% | TV . |
| PSC30R-180 | 18V | 0A | 1.67A | 180mV | ±1% | ±5% | TV |
| PSC30R-240 | 24V | 0A | 1.25A | 240mV | ±1% | ±5% | (V) |

- (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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PSC30R Characteristics

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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

0.8A (RMS) maximum at 120V AC 0.5A (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

>80.6% average efficiency

Environmental:

Temperature

Operation 0 to +40°C Non-operation -25 to +85°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 Standard

AC Input Clips (sold separately)

RPA: US
RPI: India
RPB: Brazil
RPC: China
RPE: Europe
RPS: Australia
RPH: Korea
RPX: IEC320 C8

Dimension Diagram Unit: mm (inch)

