



## 30-WATT 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 Voltage	Load		Ripple (1) P-P (max)	Regulation (2)		Efficiency Level
		Min.	Max.		Line	Load	
PSC30R-120	12V	0A	2.50A	120mV	±1%	±5%	IV
PSC30R-180	18V	0A	1.67A	180mV	±1%	±5%	IV
PSC30R-240	24V	0A	1.25A	240mV	±1%	±5%	IV

Note: (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.

Phihong reserves the right to make changes without further notice. Please consult Phihong USA and visit [www.phihong.com](http://www.phihong.com) for the most up-to-date specifications.

**INPUT:**

**AC Input Voltage Rating**  
100 to 240VAC

**AC Input Voltage Range**  
90 to 264VAC

**AC Input Frequency**  
47 to 63 Hz

**Input Current**  
1A(RMS) max. @ 120VAC  
0.5A(RMS) max. @ 240VAC

**Leakage Current**  
0.25mA max.

**Inrush Current (cold)**  
<30A for 120VAC at max. load  
<60A for 240VAC at max. load  
(Cold start @ ambient 25°C)

**Input Power Saving**  
0.5W maximum at No Load

**OUTPUT:**

**Efficiency**  
> 80.6% average efficiency

**Hold-up Time**  
16mS min. @ 120VAC and max. load

**Over Current Protection**  
Output equipped with short circuit protection – auto restart

**Over Voltage Protection**  
>120% By zener clamping

**Short Circuit Protection**  
Output can be shorted without damage

**ENVIRONMENTAL:**

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

**Humidity**  
Operation 20 to 90%

**Emissions**  
FCC Class B  
EN55022 Class B

**Dielectric Withstand (Hi-pot) Test**  
Primary to Secondary: 3000VAC 1min. 10mA

**DC Output Connector**  
2.1x5.5mm Center Positive Standard

**Mating Connector**  
Kycon KLD-0202-A or equivalent

**AC Input Clips (sold separately)**

US: RPA  
Europe: RPE  
UK: RPK  
Australia: RPS

**Dimension Diagram Unit: mm (inch)**

