



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 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)

