



PSC-30R



PSC30R CEC Compliant Adapter

Dimensions

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

MODEL	DC OUTPUT VOLTAGE	LOAD	
		Min.	Max.
PSC30R-120	12V	0A	2.5A
PSC30R-180*	18V	0A	1.67A
PSC30R-240	24V	0A	1.25A



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.

PSC30R Characteristics

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)

