



## 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)

