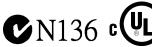
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# 20-WATT INTERCHANGEABLE PLUG SERIES PSC20R Adapter Series Meets CEC and EISA Requirements











#### **Features**

- Limited Power Source
- Class B EMI
- Efficiency Level IV Compliance
- Class II Double Insulated
- No-load Power Saving
- High Efficiency

# **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**

	DC Output	Load		Ripple (1)	Regulation (2)		Efficiency
Model	Voltage	Min.	Max.	P-P (max)	Line	Load	Level
PSC20R-120	12V	0A	1.67A	120mV	±1%	±5%	4
PSC20R-180	18V	0A	1.11A	180mV	±1%	±5%	3
PSC20R-240	24V	0A	0.83A	240mV	±1%	±5%	TV.

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 <a href="https://www.phihong.com">www.phihong.com</a> for the most up-to-date specifications.

# **PSC20R Characteristics**

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# **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 start @25°C ambient)

<30A for 120VAC at max. load <60A for 240VAC at max. load

## **Input Power Saving**

0.5W max. at no load

#### **OUTPUT:**

#### **Efficiency**

> 77% 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  $0 \text{ to } +40^{\circ}\text{C}$ Non-operation  $-25 \text{ to } +85^{\circ}\text{C}$ 

#### 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 Austraila: RPS

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

