



## 10W Interchangeable Plug Series PSA11R Adapter



### Features

- Double Insulated
- Field Changeable AC Plugs
- 5% NL-FL Regulation
- Low Leakage Current
- Low Cost
- Class B EMI

### Applications

- Wireless Communications
- Networking
- Portable Equipment
- Peripherals

### Safety Approvals

- cUL/UL
- TÜV
- CE
- C-Tick

### Mechanical Characteristics

- Length: 86mm (3.4in)
- Width: 53mm (2.1in)
- Height: 36mm (1.4in)
- Weight: 150g (5.29oz)

### Output Specifications

Model	DC Output Voltage	Load		Ripple (1) P-P (max)	Regulation	
		Min.	Max.		Line	Load
PSA11R-033	3.3V	0A	2A	50mV	±5%	
PSA11R-050	5V	0A	2A	50mV	±5%	
PSA11R-090	9V	0A	1.1A	90mV	±5%	
PSA11R-120	12V	0A	0.83A	120mV	±5%	
PSA11R-150	15V	0A	0.67A	150mV	±5%	
PSA11R-180	18V	0A	0.56A	180mV	±5%	
PSA11R-240	24V	0A	0.42A	240mV	±5%	

Note: (1) Measured after 10 minutes with by-pass capacitors 0.1uf / 10uf at output connector terminal.

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.

## PSA11R Characteristics

WWW.PHIHONG.COM

### INPUT:

#### AC Input Voltage Rating

100 to 240VAC

#### AC Input Voltage Range

90 to 264VAC

#### AC Input Current

0.5A(RMS) max. @ 120VAC

0.25A(RMS) max. @ 240VAC

#### Leakage Current

0.25mA Max. @ 254VAC

#### Inrush Current (cold)

<30A for 120VAC at max. load

<60A for 240VAC at max. load

(Cold start @ ambient 25°C)

### OUTPUT:

#### Efficiency

60-70% min. (varies in voltage)

#### Hold-up Time

16mS min. @ 120VAC and max. load

#### Short Circuit Protection

>120%, auto restart

#### Over Voltage Protection

>120%, Zener Clamp

### ENVIRONMENTAL:

#### Temperature

Operation 0 to +40°C

Non-operation -25 to +85°C

#### Humidity

Operation 10 to 90%

#### Emissions

FCC Class B

EN55022 Class B

#### Dielectric Withstand (Hi-pot) Test

Primary to Secondary: 3000VAC

#### 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)

