



## 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.

**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)**

