



## 45W World Wide – Two Wire Universal Input PSS45W Single Output Adapter Series



### Features

- Compact Low Profile Case
- Power On LED
- Non-vented/Spill-proof Case
- Double Insulated

### Applications

- Portable Equipment
- Peripherals
- Notebook Computers
- Networking

### Safety Approvals

- cUL/UL
- CE
- TUV

### Mechanical Characteristics

- Length: 104.6mm (4.12in)
- Width: 60.7mm (2.39in)
- Height: 28.5mm (1.12in)
- Weight: 185g (6.53oz.)

### Output Specifications

Model	DC Output Voltage	Load		Ripple (1) P-P (max.)	Regulation Line & Load
		Min.	Max.		
PSS45W-090	+9V	0A	5A	90mV	±5%
PSS45W-120	+12V	0A	4A	120mV	±5%
PSS45W-150	+15V	0A	3.4A	150mV	±5%
PSS45W-180	+18V	0A	2.8A	180mV	±5%
PSS45W-240	+24V	0A	2.1A	240mV	±5%

(1) Measured with by-pass capacitors 0.1uf/10uf at output connector terminal and oscilloscope set at 20 Mhz.

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 Frequency**

47 to 63Hz

**Leakage Current**

Max. 0.25mA (254VAC)

**Input Current**

1A (rms) typical @ 115VAC

0.5A (rms) typical @ 230VAC

**Inrush Current (cold)**

15A max. (120VAC)

30A max. (240VAC)

**OUTPUT:**

**Efficiency**

85% typical

**Hold-up Time**

8mS min. @ 115VAC typical

**Over Current Protection**

>120%, Auto Restart

**Over Voltage Protection**

Built-in Zener diode Clamping

**ENVIRONMENTAL:**

**Temperature**

Operation 0 to +40°C

(with no derating)

**Humidity**

Operation 5 to 80%

**Emissions**

FCC Class B

EN55022 Class B

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

Input to output: 3000VAC for 1 minute, 10mA

**Power On Indicator**

Green LED

**DC Output Connector**

2.1x5.5mm Center Positive Standard

**Mating Connector**

Kycon KLD-0202-A or equivalent

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

