



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 for the most up-to-date specifications.

PSS45W 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 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

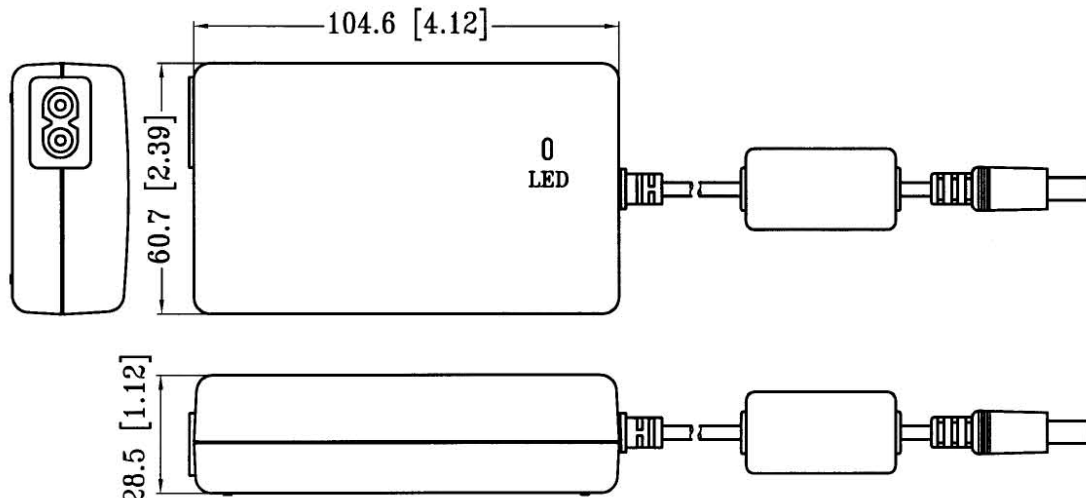
DC Output Connector

2.1x5.5mm Center Positive Standard

Mating Connector

Kycon KLD-0202-A or equivalent

Dimension Diagram Unit: mm (inch)



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Phihong:

[PSS-45W-090](#) [PSS-45W-120](#) [PSS-45W-120F](#) [PSS-45W-150](#) [PSS-45W-240](#) [PSS45W-150-LF](#) [PSS45W-120-LF](#)
[PSS-45W-180-LF](#)