



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.

PSS45W Characteristics

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)

