

60 Watt Universal Input PSA-65U Single Output Series



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Features

- Compact Low Profile Case
- Class B EMI Compliant
- Non-vented/Spill-proof Case
- IEC320 C14 Grounded Input

Applications

- Notebook Computers
- Portable Equipment
- Peripherals
- Networking

Safety Approvals

- cUL 1950
- CE
- TUV EN60950
- T-mark

Mechanical Characteristics

- Dimensions:
- Length: 150.5mm (5.9in)
 - Width: 70.5mm (2.8in)
 - Height: 39mm (1.5in)
 - Weight: 550gm (20oz)

Output Specifications

Model	DC Output Voltage	Load		Ripple(1) P-P(max)	Regulation Line & Load
		Min.	Max.		
PSA65U-120	12V	0.1A	5A	120mV	±5%
PSA65U-150	15V	0.1A	4A	150mV	±5%
PSA65U-180	18V	0.1A	3.3A	180mV	±5%
PSA65U-240	24V	0.1A	2.5A	240mV	±5%

(1) Measured at full load by using a 12in. twisted pair terminated with a 10mfd capacitor and a 0.1mfd ceramic in parallel.

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PSA65U Single Characteristics

A D A P T E R

INPUT:

AC Input Voltage

90 to 264 VAC

AC Input Frequency

47 to 63Hz

AC Input Current

1.7Arms (115VAC)

0.8Arms (230VAC)

AC Inrush Current (Cold)

30A max. (115VAC)

60A max. (230VAC)

Efficiency

80% typical

OUTPUT:

Hold-up Time

>16ms Full load, 120VAC

Overvoltage Protection

Zener Diode Clamping

Short Circuit Protection

Auto Restart

ENVIRONMENTAL:

Operation Temperature

(Convection)

0 to 40°C

Storage Temperature

-30 to +85°C

Humidity

10 to 90% RH (Non-condensing)

Emissions

FCC Class B

EN 55022 B

Immunity

EN 50082-1: 1997

61000-4-2, Level 2

61000-4-3, Level 2

61000-4-4, Level 2

61000-4-5, Level 3

61000-4-6, Level 2

61000-4-11

GENERAL:

Leakage Current

<3.5mA (254VAC)

Dielectric Withstand (Hipot)

Input to Output

3000VAC, 1 min., 10mA

Switching Frequency:

70KHz (typical)

MTBF

50K Hrs. (Full Load, 25°C)

MIL-HDBK-217F

AC Mating Connector

IEC 320/C13 Cord

DC Output Connector

2.1mm ID; 5.5mm OD; 10mm lgth

Coaxial Power Plug

Center Positive Standard

Dimension Diagram Unit: mm (inch)

