



60 Watt Universal Switching Adapter PSA65U Triple Output Series



Features

- High Efficiency
- Class B EMI
- Non-vented/Spill-proof Case
- IEC320 C14 Grounded Input

Applications

- Portable Equipment
- Peripherals
- Notebook Computers
- Networking

Safety Approvals

- cUL/UL
- CE
- TUV
- Meeting Cal. Prop. 65

Mechanical Characteristics

- Length: 166mm (6.54in)
- Width: 80mm (3.15in)
- Height: 44mm (1.73in)
- Weight: 680g (24oz.)

Output Specifications

Model	DC Output Voltage	Load		Ripple and Noise (1) P-P (max.)	Regulation Line & Load
		Min.	Max.		
PSA65U-301	+5V	0.2A	6A	50mV	±5%
	+12V	0.2A	2A	120mV	±5%
	-12V	0A	0.5A	120mV	±5%

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

PhiHong is not responsible for any error and change. Please consult the factory and visit 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

Input Current

1.2A (rms) Max. @ 120VAC

0.6A (rms) Max. @ 240VAC

Leakage Current

3.5mA Max.

Inrush Current (cold)

30A for 120VAC at Max. load

60A for 240VAC at Max. load

(Cold start @ ambient 25°C)

OUTPUT:**Efficiency**

75% Min.

Hold-up Time

16mS Min. @ 120VAC and Max. load

Over-voltage Protection

>130% over-voltage detection, adapter will be shut down

Over-current Protection

Output equipped with short circuit protection – auto restart

Short Circuit Protection

Output can be shorted without damage

ENVIRONMENTAL:**Temperature**

Operation 0 to +40°C

Non-operation -25 to +75°C

Humidity

Operation 5 to 90%

Emissions

FCC Class B

EN55022 Class B

Immunity

ESD 61000-4-2 Level 3

Surge 61000-4-5 Level 3

Dielectric Withstand (Hi-pot) Test

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

Input to Earth: 1500VAC for 1 minute, 10mA

DC Output Connector

8 pin DIN

Pins 1, 2, 3: +5VDC

Pins 4, 5, 6: Common

Pin 7: +12VDC

Pin 8: -12VDC

Dimension Diagram Unit: mm