



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
- TÜV
- 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.

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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

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

