



## 60 Watt Universal Switching Adapter PSA65U Single 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: 150.5mm (5.9in)
- Width: 70.5mm (2.8in)
- Height: 39mm (1.5in)
- Weight: 550g (20oz.)

### Output Specifications

Model	DC Output Voltage	Load		Ripple (1) P-P (max.)	Regulation Line & Load
		Min.	Max.		
PSA65U-120	+12V	0A	5A	120mV	±5%
PSA65U-150	+15V	0.1A	4A	150mV	±5%
PSA65U-180	+18V	0A	3.3A	180mV	±5%
PSA65U-240	+24V	0A	2.5A	240mV	±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](http://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**  
1.5A (rms) Max. @ 115VAC  
0.8A (rms) Max. @ 230VAC

**Leakage Current**  
3.5mA Max.

**Inrush Current (cold)**  
30A for 115VAC at Max. load  
60A for 230VAC at Max. load  
(Cold start @ ambient 25°C)

**OUTPUT:**

**Efficiency**  
80% typical

**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 -30 to +70°C

**Humidity**

Operation 8 to 90%

**Emissions**

FCC Class B  
EN55022 Class B

**Dielectric Withstand (Hi-pot) Test**

Primary to Secondary: 3000VAC for 1 minute, 10mA

**DC Output Connector**

2.1x5.5mm Center Positive Standard

**Dimension Diagram Unit: mm**

