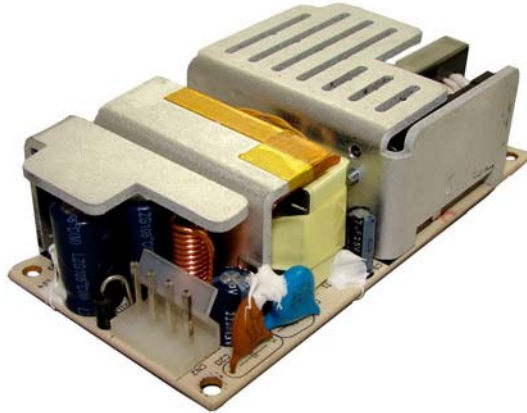




## 65 Watt\* Open-Frame Power Supply PSA065 Single Output 2 x 4" Series (for ITE)



### Features

- 2 x 4" Footprint
- Low-Cost
- Low Profile Design Fits 1U Applications

### Applications

- Telecom / Datacom
- Peripherals
- Industrial

### Designed to Meet

- cUL / UL 60950-1
- CE (Low Voltage Directive)
- IEC 60950-1

### Mechanical Characteristics

- Length: 101.6mm (4.0in)
- Width: 50.8mm (2.0in)
- Height: 28.1mm (1.1in)
- Weight: 180g (6.35oz)

### Output Specifications

Model	DC Output Voltage	Load			Ripple (1) P-P (max.)	Regulation	
		Min.	Convection	20cfm		Line	Load
PSA065-120	+12V	0A	3.75A	5.42A	120mV	±2%	±2%
PSA065-240	+24V	0A	1.88A	2.71A	240mV	±2%	±2%
PSA065-480	+48V	0A	0.94A	1.36A	480mV	±2%	±2%

(1) Measured by-pass capacitors 0.1uF / 100uF at output connector terminal and oscilloscope set at 20 Mhz.

Phihong reserves the right to make changes without further notice. Please consult Phihong USA 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 @ 115VAC  
0.75A @ 230VAC

**Leakage Current**  
3.5mA maximum at 264VAC, 60Hz

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

**OUTPUT:**

**Efficiency**  
80% minimum at maximum load, 115VAC/60Hz

**Hold-up Time**  
>10mS at maximum load, 115VAC/60Hz

**Over-voltage Protection**  
By zener clamp, auto-restart

**Over-current Protection**  
Auto-restart

**ENVIRONMENTAL:**

**Temperature**  
Operation 0°C to +50°C  
Non-operation -25°C to +85°C

**Humidity**  
Operation 5% to 95% non-condensing  
Non-Operation 5% to 95% non-condensing

**Emissions**  
FCC Class B Conducted  
EN55022 Class B Conducted  
EN60601-1-2: 2001 Conducted

**Reliability**  
MTBF 250,000 hours minimum at 25°C, with full load,  
with 20cfm forced air, at 120VAC/60Hz

**Input Mating Connector**  
Molex 09-52-4034 housing with Molex 08-50-0106 pins

**Output Mating Connector**  
Molex 26-03-4041 housing with Molex 08-50-0189 pins

**Dimension Diagram Unit: mm**

