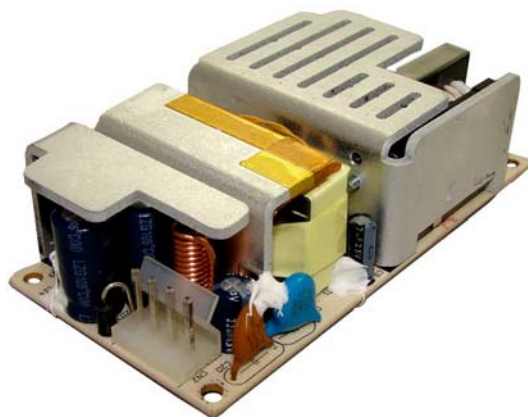




65 Watt* Open-Frame Power Supply PSA065 Single Output 2 x 4" Series (for ITE)



PRELIMINARY

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 (1.11in)
- 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 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

ReliabilityMTBF 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