



## SBP-C03

### 1 RU HIGH 3 UNIT CARD CAGE WITH POWER SUPPLY

The SBP-C03 is a 1 RU (1.75") high 19-inch rack-mountable card cage unit capable of mounting up to three 1.0-inch modules.

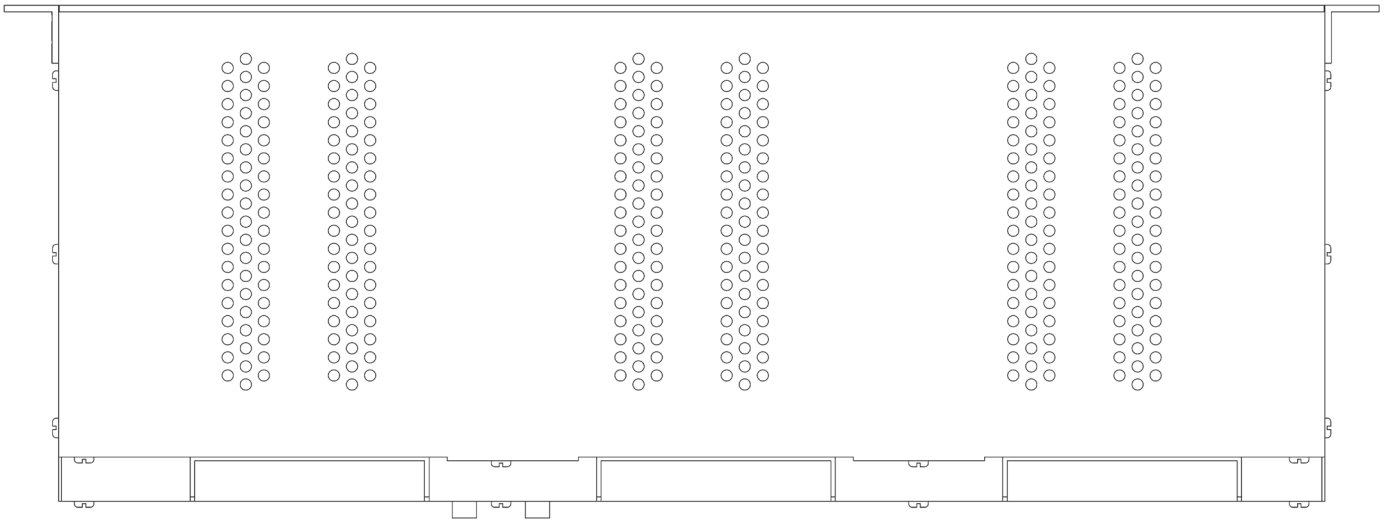
The SBP-C03 is provided with one external 120-240 VAC power supply with a 12VDC at 3A output, and includes reverse polarity protection. Two separate isolated DC inputs are provided for mission critical/high reliability applications where power supply redundancy is required. PoE (Power over Ethernet) modules may also be used, by replacing the power supply with a +48VDC unit, and connecting the supply output to the DC power input of each PoE module. See **Module Instructions** for wiring instructions.

Any module may be hot-swapped without any impact to the operation of the other modules within the card cage.

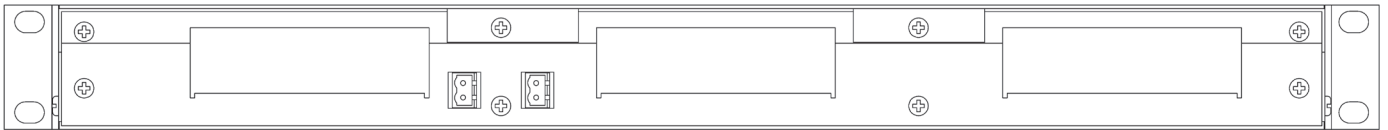
Ideally suited to those applications where rack space may be limited, the SBP-C03 may be used in desktop installations by the addition of user-installed rubber feet on the bottom of the cage. It may also be installed as a rack by use of the two included rack-mount adapter brackets. See **Page 2** for installation instructions.

FIGURE 1 - SBP-C03 CARD CAGE

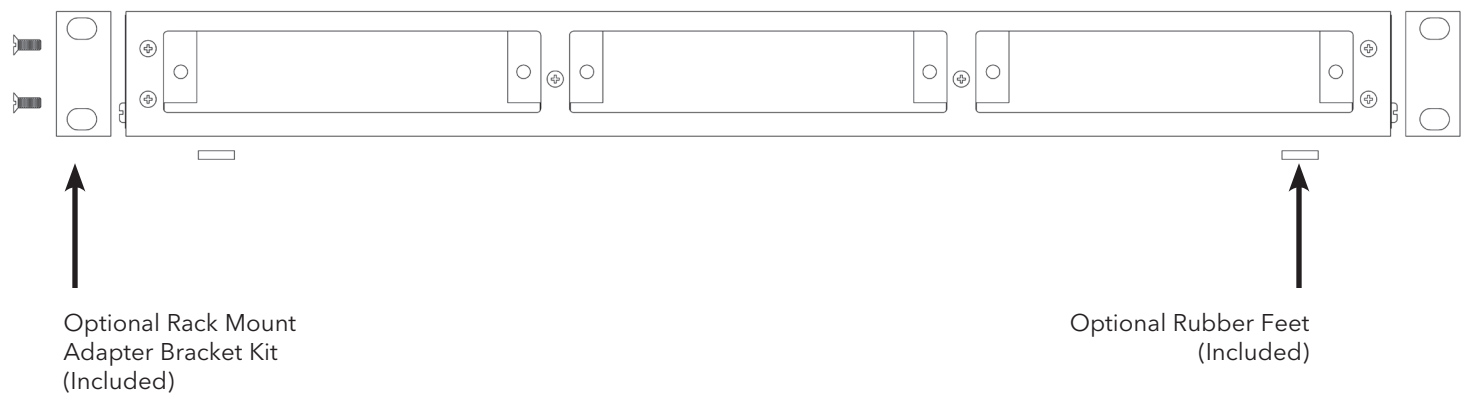
TOP COVER



REAR PANEL

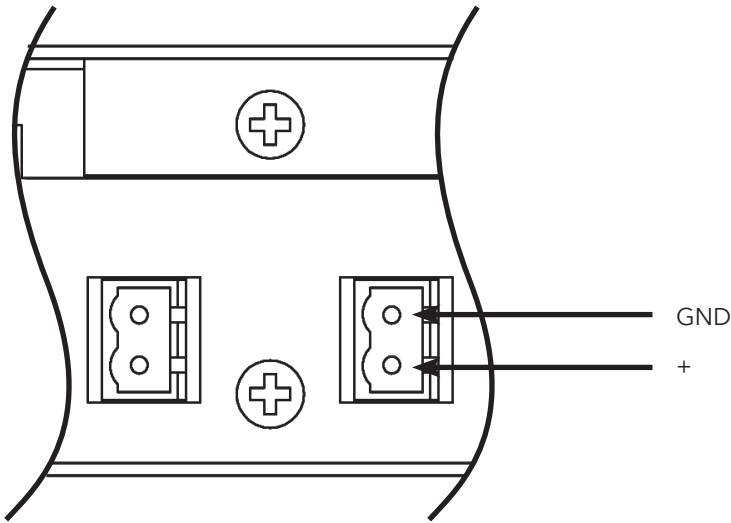


FRONT PANEL



**FIGURE 2 - SBP-C03 WIRING INSTRUCTIONS**

REAR PANEL - REDUNDANT POWER SUPPLY CONNECTORS



Redundant Power Supply Connectors are located on the rear panel of the SBP-C03 Rack. Each input should be supplied with 12 VDC, minimum 2 Amps.

The lower pin on connector A and connector B is connected to the positive lead from the power supply. The upper pin is connected to ground.

Most power supplies feature a legend that denotes the polarity of the supply wires. Please confirm each wire's polarity through that legend before connecting to SBP-C03 rack.

**INCLUDED PSU ELECTRICAL SPECIFICATIONS**

Input Voltage: 90-264 VAC @ 70 W Maximum

Output Voltage: 12 VDC @ 3.0 Amps @ 75°C

**INSTALLATION CONSIDERATIONS**

This product is supplied as a standalone or rack mountable unit. Units should be installed in dry locations protected from extremes of temperature and humidity.

**CAUTION:** Before installing, be sure that the power supply is turned off and that the rack power supply is disconnected from any power source.

**IMPORTANT SAFEGUARDS:**

**A) Elevated Operating Ambient** - If installed in a closed or multi-unit rack assembly, the operating ambient temperature of the rack environment may be greater than room ambient. Therefore, consideration should be given to installing the equipment in an environment compatible with the maximum ambient temperature (T<sub>ma</sub>) specified by the manufacturer.

**B) Reduced Air Flow** - Installation of the equipment in a rack should be such that the amount of air flow required for safe operation of the equipment is not compromised.