

# Multicom 2000®

## 5/12-Volt Power Supply Model MC512C



### Description

MC512C Power Supply is the main power supply for the Multicom 2000® system. The Model MC512C power supply is a fully regulated, switching power supply providing an output voltage of +5V @ 15.0A, -5V @ 0.5A, +12V @ 5.5A, and -12V @ 0.5A. Ripple is less than 20mV p-p on any output. Power consumption is 75W maximum under normal operating conditions with an 120-station system.

An internal 3A fuse protects the power supply. Two 6-position, 0.156 centerline, polarized connectors, and four 4-position polarized output connectors are provided. The power supply gets its power from the three-wire receptacle located in the MCBBC enclosure. It provides an on/off switch for the Multicom 2000 system when installed.

### Features

- +5V @ 15.0A, -5V @ 0.5A, +12V @ 5.5A, -12V @ 0.5A
- Fully regulated switching supply
- Ripple is less than 20mV on any output
- Power consumption is 75W maximum under normal operating conditions with the 120 station system
- Protected by internal 3.0A fuse
- Has two 6-position, 0.156 centerline, polarized connectors, and four 4-position polarized output connectors
- Provides power for all boards and card cage fans
- Mounts to the MCRMP or MCMP

### Architect and Engineer Specifications

The Power Supply shall be a Bogen Model MC512C, fully current regulated, switching-type with output voltages of +5V @ 15.0A, -5V @ 0.5A, +12V @ 5.5A, and -12V @ 0.5A. Ripple shall be less than 20mV p-p on any output.

A recessed 3-wire plug and power cord shall be supplied to connect with 120V AC line power and a power on/off switch. The unit shall consume a maxi-

mum of 75W under normal operation with system at full capacity. An internal 3.0A fuse shall provide protection. Two 6-position, 0.156 centerline connectors, and four 4-position polarized output connectors shall be provided for connection to the MCMF or MCRMF mainframe.

### Technical Specifications

**Dimensions:** 5-7/8" W x 3-3/8" H x 6-1/2" D  
**Product Weight:** 4 lb.  
**Power:** 120V AC