

# MINUTEMAN<sup>®</sup> MCP Series: 6 & 10 kVA



## on-line, true sinewave, double conversion technology

### “Fail-Safe” Single-Phase Power Protection for Mission-Critical Applications

The MINUTEMAN Continuous Power (MCP) Series provides unparalleled power protection for applications where continuously supplied, true sinewave AC power is imperative. All 6 and 10 kVA models feature on-line double-conversion (AC-to-DC-to-AC) technology to supply clean, stable, true sinewave electrical power throughout all power disruptions – blackouts, brownouts, spikes, sags, and voltage irregularities. The dual output models (MCP 6001 and 10001) also feature isolation transformers.

### Single or Dual Voltage Output, plus Unlimited Runtime Options

All MCP Series models can be hardwired directly into an electrical system and are available with configurable single or dual voltage output. In addition, by daisy-chaining optional MCP BP1 battery packs, an MCP Series UPS can provide unlimited runtime for mission-critical systems -- equipment that must remain continuously available during extended power blackouts.

### Intelligent Microprocessors, DC Cold Start, and Continuous Voltage Regulation

Every MCP Series UPS features an on-board intelligent microprocessor to provide diagnostics, advanced battery monitoring and overcharging protection, self-testing capabilities, and audible and visual alarm displays. Power factor correction minimizes Total Harmonic Distortion (THD) that can corrupt the smooth AC sinewave needed by sensitive electronic devices. For added protection, MCP units provide DC cold start capability to power-up equipment from the battery when utility AC power is not available. The MCP Series regulates output voltage during brownout conditions without using the battery – even when input voltage drops as low as 27% below or as high as 33% above normal AC.

### SNMP- and Network-Ready

The MCP Series becomes a fully manageable component of a network system when used with MINUTEMAN SentryII™ power management and diagnostic software and an optional SNMP card. MINUTEMAN Sentry II™ software allows unattended shutdown, flexible event management, warning message broadcast, and multiple diagnostic and graphing tools. The MCP Series communications package includes a cable, user manual, and a CD with versions of MINUTEMAN SentryII™ for all major operating systems.

### The Strongest Warranty in the Industry

MCP Series models are covered by a free 2-year parts and labor warranty (including internal battery) and, in the U.S. and Canada, a \$40,000 MINUTEMAN Platinum Protection Plan<sup>®</sup> covering properly connected equipment.

Single-  
Phase

Single or  
Dual Output

#### Designed for:

- Telecommunications and VoD
- ISPs, critical servers, data centers, and Internetworking computers
- High availability applications
- Manufacturing equipment

#### Intelligent Microprocessors

#### Constant Output Voltage Regulation

#### Input Power Factor Correction

#### Customizable I/O Configurations

#### SNMP-Ready

#### Free MINUTEMAN SentryII™ Power Management and Diagnostic Software

#### 2-Year Warranty

#### \$40,000 MINUTEMAN Platinum Protection Plan<sup>®</sup>

minutemanups.com

Sold by:



http://www.TWAcomm.com  
Toll Free: (877) 892-2666

800.238.7272

## MCP Series Specifications

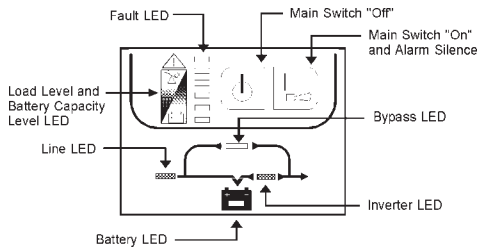
Model	MCP 6000	MCP 6001 (Dual Output)	MCP 10000	MCP 10001 (Dual Output)
Maximum Load - VA / Watts	6000 / 4200		10000 / 7000	
Output Current	28.8/27.3/26/25A	50, 25/25, 28.8, 25/28.8, 25, 25/25A	48.1/45.5/ 43.5/41.7A	83.3, 41.7/41.7, 48,41.7/48, 41.7, 41.7/41.7
Output Voltage	208/220/230/240 VAC	120, 120/120, 208, 120/208, 240, 120/240 VAC	208/220/230/240 VAC	120, 120/120, 208, 120/208, 240, 120/240 VAC
Input Current	29.6A		51A	
Input Voltage	170-276 VAC			
Frequency	50/60Hz +/- 5%, auto selection			
Phase	single phase			
Power Factor Correction	>= 0.97			
Output Voltage Regulation	+/-3%			
Power Factor	0.7 lag to unity			
Frequency Regulation	+/-5%, phase lock to input under normal conditions, +/-0.5% of nominal frequency, under normal operation or battery mode.			
Distortion	+/-3.0% THD at full linear load, +/-7% THD at full non-linear load			
Overload Capacity	>130% +/-10% for 200 ms, 105% for 10 second			
Load Crest Ratio	Up to 3:1 maximum			
Ambient Temperature	10 to 40 degrees C			
Storage Temperature	-15 to 40 degrees C			
Operation Humidity	20% to 90%, non-condensing			
Altitude	less than 3000 meters above sea level			
Dimensions H x W x D	31.5 x 10.25 x 21.75 in (80 x 26 x 55.3 cm)		38 x 13.5 x 25.25 in (96.5 x 34.3 x 64.2 cm)	
Net Weight / Shipping Weight	176 / 220 lbs (80 / 100 kg)	272 / 316 lbs (123.6 / 143.6 kg)	396 / 458 lbs (180 / 208.2 kg)	492 / 554 lbs (223.6 / 251.8 kg)

## MCP BP1 Battery Pack

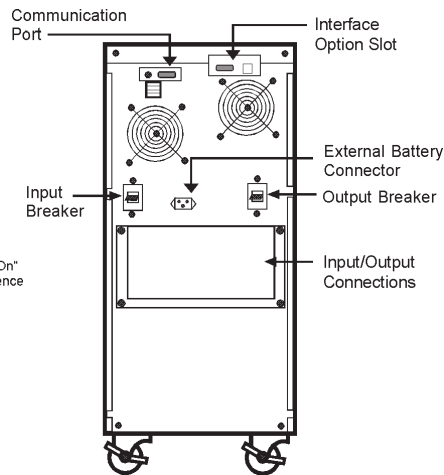
Dimensions H x W x D	40 x 10 x 33 in (102 x 25 x 84 cm)
Net Weight / Shipping Weight	535 / 555 lbs (243 / 252 kg)



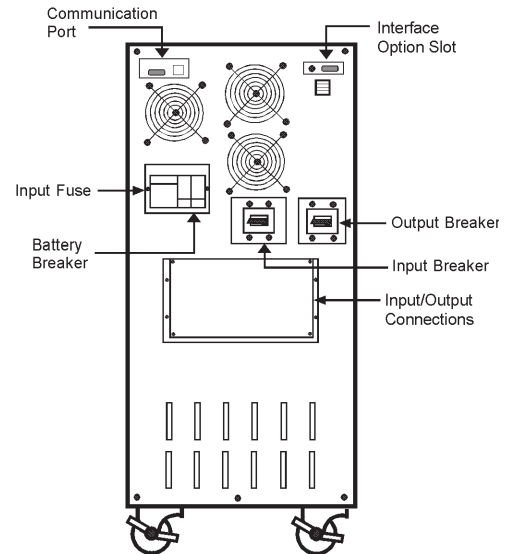
Sold by:



**Front View**  
MCP Main Control Panel



**Rear View**  
MCP 6000 and MCP 6001



**Rear View**  
MCP 10000 and MCP 10001

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**MINUTEMAN**  
UNINTERRUPTIBLE POWER SUPPLIES

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