

MINUTEMAN® MN™ Series



MN Series Key Features

Designed for protection of:

- Data Processing Equipment
- Telephone Systems

MN 325 and MN 525 VA Models

Free Power Management / Unattended Shutdown Software

Transformer-Friendly Spacing of Outlets for Connecting Multiple AC Adapters

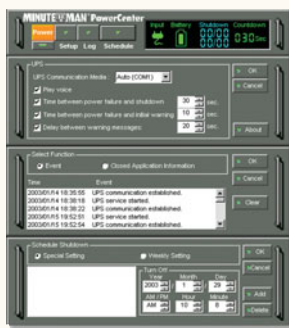
MN 325 has 4 Outlets (2 Battery Backup with Surge and 2 Surge Only)

MN 525 has 6 Outlets (3 Battery Backup with Surge and 3 Surge Only)

Sits on a Desktop, Tucks Under a Console, or Mounts on the Wall

3-Year Warranty for Internal Electronics 2-Year Warranty for Batteries

MINUTEMAN Platinum Protection Plan® Insures Connected Equipment for \$25,000 on MN 325 and \$40,000 on MN 525



Power Management Software Included

MN 325 Mounts on Wall



Space-saving and affordable power protection

The MINUTEMAN MN™ Series is an economically priced line of uninterruptible power supplies that provides complete protection from electrical problems — spikes, surges, sags, brownouts, and blackouts. Both the MINUTEMAN MN™ 325 VA and 525 VA units are amazingly compact and, for all the power protection packed inside, take up little space on the desktop, under a console, or affixed to a wall (MN 325 can be wall mounted). The flat-head power plug hugs the wall to save additional space.

Protect your data processing components

Power problems can damage or destroy the data stored on your hard disk as well as the computer hardware itself. Both MINUTEMAN MN™ models have UPS outlets that provide battery backup with surge protection and outlets with surge protection only — use the UPS backup outlets to protect components like a CPU, monitor, and ink jet printer and the surge-only outlets to protect less critical data processing components that do not require battery backup.

Power management software is included to monitor your UPS, save open files to a temporary directory and safely shut down your computer system in the event of a power failure — a valuable feature if you leave your computer unattended. Since surges and spikes can enter through a phone line, the MINUTEMAN MN™ Series also protects a modem and phone/fax connection through its RJ-11 telephone connection.

Protect your telephone key system

Keep your phones working during power outages by adding a MINUTEMAN MN™ Series UPS. The MN 325 mounts on a wall and either unit will slide neatly into a corner. With its easy-to-replace battery it is ideal for protecting small business phone systems.

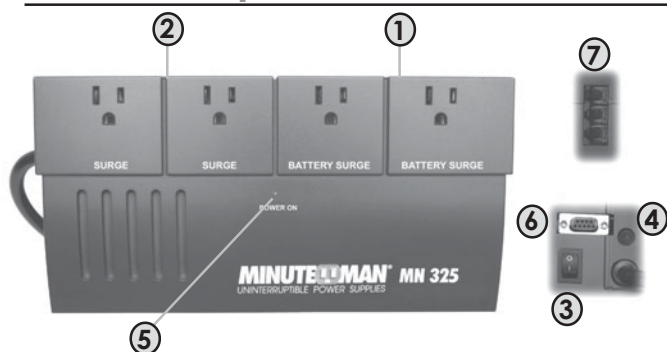
Reliability — Guaranteed

MINUTEMAN MN™ units are backed by an unprecedented 3-year warranty that covers all electronics and a 2-year warranty for batteries. The MINUTEMAN Platinum Protection Plan® insures properly connected equipment for \$25,000 on the MN 325 and \$40,000 on the MN 525.

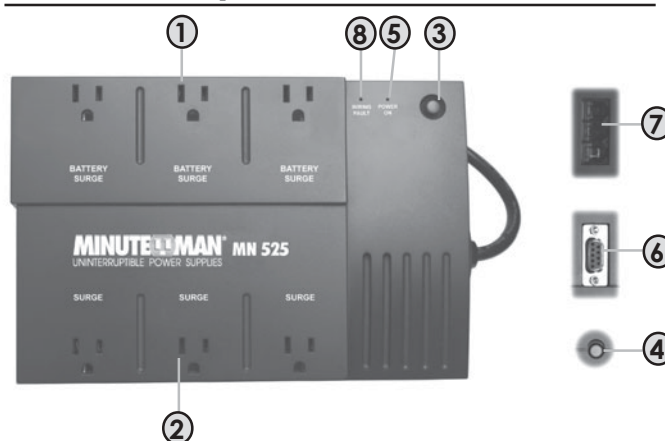
MINUTEMAN[®] MN[™] Series Specifications

Model number	MN 325	MN 525
VA/Watt rating	325 / 185	525 / 275
Input Voltage (AC Mode)	100VAC to 140VAC	
Input Frequency	57 Hz to 63 Hz	
Output Voltage (AC Mode)	100VAC to 140VAC	
Output Voltage (Battery Mode)	120VAC \pm 5%	
Output Frequency (Battery Mode)	60Hz \pm 1Hz unless synchronized to utility	
Transfer Time	4ms typical	
Max. Load for Battery-Powered Outlets	325 / 185	525 / 275
Max. Combined Load for Surge Only and Battery-Powered Outlets	10 Amps	12 Amps
Output Wave Form (Battery Mode)	Simulated sinewave	
Input Protection	Resettable circuit breaker	
Surge Energy Rating (One Time, 10/1000uS Waveform)	500 Joules	
Noise Filter	Normal and common mode EMI/RFI suppression	
Protection	Over current, short circuit protected, and latching shut down	
Operating Temperature	+ 32°F to 95° F. (0° C to 35° C)	
Operating Relative Humidity	0 to 95% Non-condensing	
Net Dimensions	3.25 x 5.06 x 9.88 in (8.26 x 12.86 x 25.1 cm)	3.32 x 6.56 x 10.13 in (8.44 x 16.67 x 25.8 cm)
Net Weight / Shipping Weight	7.4 lbs (3.36 kg) / 9 lbs (4.1 kg)	13 lbs (5.9 kg) / 14 lbs (6.4 kg)
Typical Battery Recharge Time	8 hours typical from total discharge	
Typical Battery Life	3 to 6 years, depending on number of discharge/recharge cycles	
Battery	12VDC 3AH	12VDC 7AH
Battery Type	Sealed, non-spillable, maintenance-free, lead-acid	
Safety Approvals	UL1778 (UPS), CUL107.1/FCC/DoC Class B	
Warranty	3-year parts and labor warranty for electronics (2-year warranty for batteries)	
MINUTEMAN Platinum Protection Plan [®]	\$25,000 (U. S. and Canada Only)	\$40,000 (U. S. and Canada Only)
Expected Runtime (in Minutes)		
Desktop PC with 15" Monitor	6 - 9	10 - 14
Desktop PC with 17" Monitor	4 - 6	8 - 12
Desktop PC with 21" Monitor	Not advised (Under 1 Minute)	6 - 10

MN 325 Top View



MN 525 Top View



Feature Overview

- | | |
|--|---|
| 1) Battery Backup & Surge Protection Outlets | 5) Power Indicator |
| 2) Full-Time Surge-Only Protection Outlets | 6) DB9 PC Communications Port |
| 3) Power Switch | 7) Fax/Modem Protection Ports |
| 4) Circuit Breaker | 8) Wiring Fault Indicator (MN 525 Only) |

SizeMyUPS.com

Need quick answers to your UPS questions? Visit our interactive UPS selection guide on the Web to find the right product for your needs *fast*.



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