

MINUTEMAN[®] SmartSine[™] Series



Extensive Features

- ▶ **Designed for:**
 - **Networking/communication systems**
 - **Computer workstations and servers**
 - **Power sensitive electronics**

- ▶ **True Sinewave Output**

- ▶ **Line-Interactive Topology**

- ▶ **700, 1000, 1400 and 2000 VA Units**

- ▶ **8 Receptacles on Each Unit**

- ▶ **Independent Battery Bypass**

- ▶ **Fax/Modem/Data Protection**

- ▶ **Expansion Slot for Accessory Options Including Multi-Function Web/SNMP Card and Environmental Monitoring Device Kit**

- ▶ **Includes MINUTEMAN SentryII[™] Power Management and Diagnostic Software**

- ▶ **3-Year Warranty**

- ▶ **\$40,000 MINUTEMAN Platinum Protection Plan[®] (U. S. and Canada)**

true sinewave UPS with rich features and compact design

Expensive Features at an Affordable Price

The MINUTEMAN SmartSine[™] UPS line maintains today's vital equipment despite utility power fluctuations and/or failures. Each unit provides a line-interactive design with true sinewave output, a rich feature set, and a lower price than competitive models. In addition, MINUTEMAN's powerful voltage regulators stabilize and condition input AC power anomalies providing today's sensitive electronic equipment with clean AC power. With MINUTEMAN's unique Independent Battery Bypass technology, the SmartSine[™] UPS will continue to correct and condition incoming AC power without shutting down output power to your equipment even if the UPS batteries become discharged or disconnected.

Power Management Software: Everything You Need Comes in the Box

Each SmartSine[™] Series model includes a serial communications cable and a CD with web browser-based MINUTEMAN SentryII[™] power management and shutdown software. This powerful software affords the user the ability to shutdown the connected computer as well as an unlimited number of servers or workstations on the same network, even machines using different operating systems or third-party UPS devices. MINUTEMAN SentryII[™] is compatible with all popular operating systems including: **UNIX, Linux, Microsoft[®] Windows[®] 95/98/ME/NT/2000/XP, and Novell[®] NetWare[®]** (See reverse side for complete list).

Expansion Slot Provides Added Features & Intelligence

Each SmartSine[™] UPS includes a built-in expansion slot for optional accessories like the MINUTEMAN Computer Interface Card - an SNMP card that allows monitoring and management of the UPS via web browser or standard NMS system, the MINUTEMAN Computer Interface Card with Environmental Monitoring Device kit for monitoring temperature/humidity conditions via the UPS through a browser, and the Multi-RS232 Ports Card that allows one SmartSine[™] UPS to send a shutdown command to 3 different computers when using the standard MINUTEMAN SentryII[™] monitoring and diagnostic software.

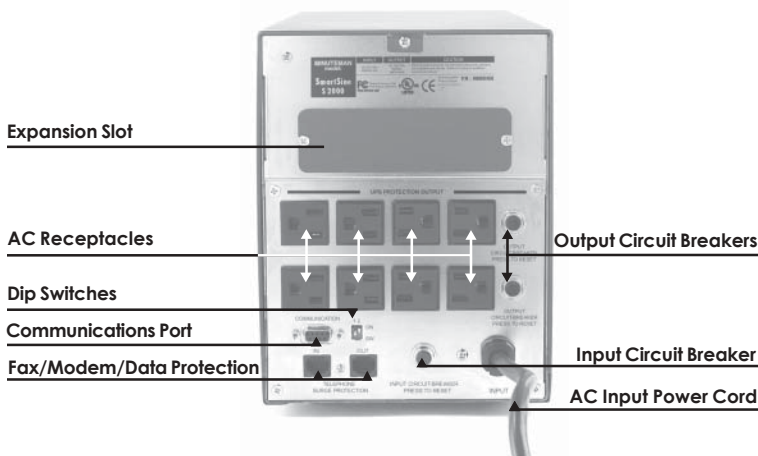
An Unparalleled Warranty and MINUTEMAN Platinum Protection Plan[®]

No one but MINUTEMAN offers a free, three-year parts and labor warranty — other UPS manufacturers charge extra for an extended year's warranty beyond the industry-standard two years. Plus, in the U. S. and Canada, the MINUTEMAN Platinum Protection Plan[®] protects your valuable equipment with up to \$40,000 equipment insurance, providing your equipment has been properly connected to the SmartSine[™] UPS in accordance with your User's Manual instructions.

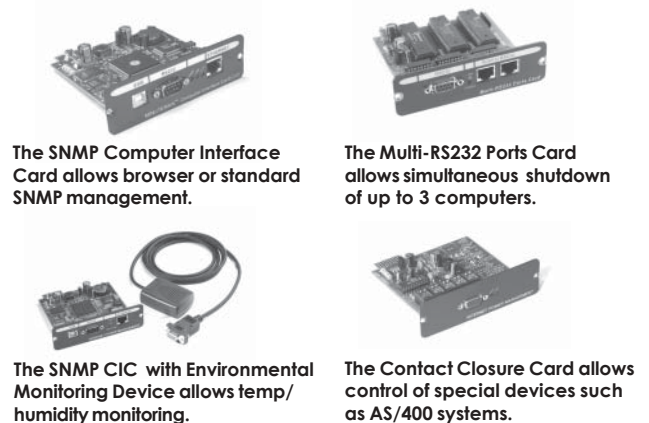
SmartSine™ Series Specifications

Specification	S 700	S 1000	S 1400	S 2000
Maximum Load - VA / Watts	700 / 500	1000 / 700	1400 / 1000	2000 / 1400
Battery Type - Spill Proof, Maintenance Free	(2) 12VDC 7AH	(2) 12VDC 12AH	(2) 12VDC 17AH	
Backup Receptacles	8 5-15R Standard			
Input Line	NEMA 5-15P plug with 6 ft. cord			NEMA 5-20P plug with 6 ft. cord
Acceptable Input Voltage	0-165 VAC			
Selectable On-Battery Output Voltages	110, 120, 127 VAC			
Output Voltage (On-Line Operation)	110, 120 VAC = 104-130 VAC, 127 VAC=104-134 VAC			
Nominal Input Frequency	44-66 HZ Auto-selectable (Nominal +/- 6 HZ. On-line operation)			
Input Protection	Resettable Circuit Breaker			
Transfer Time	2 ms maximum			
On-Battery Waveshape	True sinewave			
Protection	Overcurrent and short circuit protected latching shutdown on overload			
Surge Energy Rating (One Time, 10/1000ms Waveform)	500 J			
Surge Response Time	0 ns (instantaneous) normal mode < ns common mode			
Noise Filter	Normal and common mode EMI/RFI			
Typical Battery Life	3-6 years, depending on the number of discharge cycles and ambient temperatures			
Typical Recharge Time	8 hours from total discharge			
10 Base-T Surge Let-Through	<5%			
Phone Line Surge Protection Let-Through	<1%			
Operating Temperature	32 to 104 degrees F (0 to 40 degrees C)			
Storage Temperature	5 to 113 degrees F (-15 to 45 degrees C)			
Electromagnetic Immunity	IEC 801-2 level IV, 801-5 level V			
Audible Noise at 3 ft. (1 m)	<45 dBA			
Safety and Approvals	UL 1778, CUL, CE EMC			
EMC Verification	FCC Part 15 Cat. B, DOC Class B, EN55022, EN50091-1, EN50091-2, EN60555-2, EN61000-3 Normal & common mode EMI/RFI suppression, 100 kHz to 10 mHz			
MINUTEMAN SentryII™ Power Management Software	Serial cable and software CD included (Microsoft Windows 95/98/ME/XP, Microsoft Windows NT 4.0 (SP6 recommended), Microsoft Windows 2000, Novell NetWare 4.11 and 5.1, Red Hat Linux version 6.12 and 7.1, SCO UnixWare version 7.1.1, SCO Open Server version 5.06, HP-UX version 11, IBM AIX version 4, other Unix/Linux systems)			
Software Communications Port	RS232 port is built-in. Expansion slot allows one of these options: SNMP Computer Interface Card (CIC), SNMP CIC with Environmental Monitoring Device, Contact Closure Card (AS/400), Multi-RS232 Ports Card, RPM/UPS Interface Card - (NOTE: Installing a card into slot disables the built-in RS232 communications port)			
Net Dimensions H x W x D	8.9 x 6.5 x 17.8 in.			
Net Weight / Shipping Weight	38.6 / 42 lbs.	46.3 / 50 lbs.	61.7 / 65 lbs.	67.2 / 71 lbs.
Warranty	3 years			
MINUTEMAN Platinum Protection Plan®	\$40,000 (Domestic U. S. and Canada Only)			

SmartSine™ S 2000 Back View



Accessory Cards for Expansion Slot



SizeMyUPS.com

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

MINUTEMAN
UNINTERRUPTIBLE POWER SUPPLIES

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