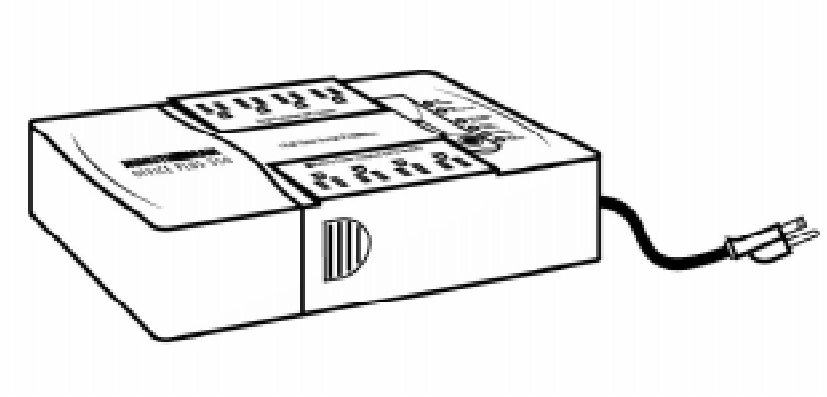
MINUTEMAN®

Office Plus Series

Owner's Manual





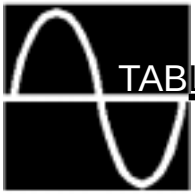


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Owner's Manual

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1 INTRODUCTION

Thank you for purchasing a MINUTEMAN power protection product. It has been designed and manufactured to provide many years of trouble free service.

IMPORTANT SAFETY INSTRUCTIONS
SAVE THESE INSTRUCTIONS !

Please read the manual before installing your Office Plus series UPS as it provides the information that should be followed during installation and maintenance of the UPS and batteries allowing you to correctly set up your system for the maximum safety and performance.

Included is information on customer support and factory service if it is required. If you experience a problem with the UPS please refer to the Troubleshooting guide in this manual to correct the problem or collect enough information so that the MINUTEMAN Technical Support Department can rapidly assist you.

NOTICE: This equipment has been tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Subpart J of Part 15 of FCC Rules and the Class B limits for radio noise emissions from digital apparatus set out in the Radio Interference of the Canadian Department of Communications. These limits are designed to provide reasonable protection against such interference in a residential installation. This equipment generates and uses radio frequency and if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, this equipment may cause interference to radio and television reception. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Re-orient the receiving antenna.
- Relocate the computer with respect to the receiver.
- Move the computer away from the receiver.
- Plug the computer into a different outlet so that the computer and receiver are on different branch circuits.
- Shielded communications interface cables must be used with this product.

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Receiving Inspection

After removing your MINUTEMAN UPS from its carton, it should be inspected for damage that may have occurred in shipping. Immediately notify the carrier and place of purchase if any damage is found. Warranty claims for damage caused by the carrier will not be honored.

The packing materials, that your UPS was shipped in, are carefully designed to minimize any shipping damage. In the unlikely case that the UPS needs to be returned to MINUTEMAN, please use the original packing material. Since MINUTEMAN is not responsible for shipping damage incurred when the system is returned, the original packing material is inexpensive insurance.

PLEASE SAVE THE PACKING MATERIALS!

WARNING: RISK OF ELECTRICAL SHOCK. HAZARDOUS LIVE PARTS INSIDE THIS POWER SUPPLY ARE ENERGIZED FROM THE BATTERY EVEN WHEN THE AC INPUT POWER IS DISCONNECTED.

TO DE-ENERGIZE THE OUTPUTS OF THE UPS:

1. IF THE UPS IS ON TURN THE POWER SWITCH OFF.
2. DISCONNECT THE UPS FROM THE AC POWER OUTLET.
3. TO DE-ENERGIZE THE UPS COMPLETELY, DISCONNECT THE BATTERY (See section 6)

CAUTION! TO REDUCE THE RISK OF ELECTRICAL SHOCK IN CONDITIONS WHERE LOAD EQUIPMENT GROUNDING CANNOT BE VERIFIED, DISCONNECT THE UPS FROM THE AC POWER OUTLET BEFORE INSTALLING A COMPUTER INTERFACE CABLE. RECONNECT THE POWER CORD ONLY AFTER ALL SIGNALING CONNECTIONS ARE MADE.

CAUTION! CONNECT THE UPS TO A TWO POLE, THREE WIRE GROUNDING AC POWER OUTLET. THE RECEPTACLE MUST BE CONNECTED TO APPROPRIATE BRANCH PROTECTION (CIRCUIT BREAKER OR FUSE). CONNECTION TO ANY OTHER TYPE OF RECEPTACLE MAY RESULT IN A SHOCK HAZARD AND VIOLATE LOCAL ELECTRICAL CODES

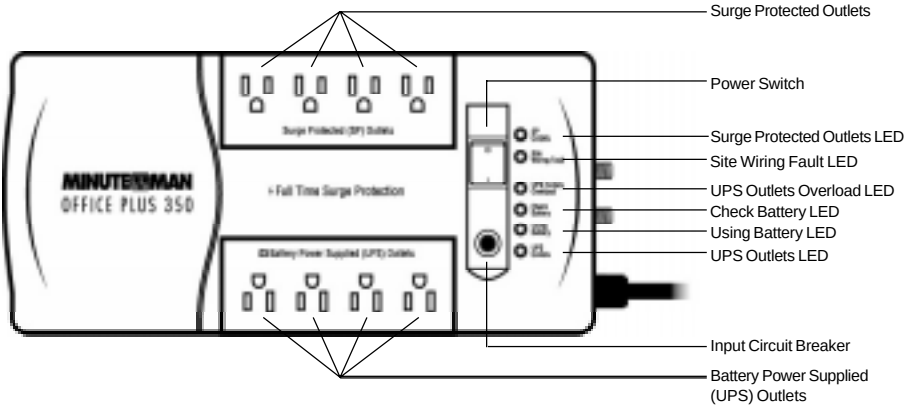
Para Systems Life Support Policy

As a general policy, Para Systems Inc. (Para Systems) does not recommend the use of any of its products in life support applications where failure or malfunction of the Para Systems product can be reasonably expected to cause failure of the life support device or to significantly affect its safety or effectiveness. Para Systems does not recommend the use of any of its products in direct patient care. Para Systems will not knowingly sell its products for use in such applications unless it receives in writing assurances satisfactory to Para Systems that (a) the risks of injury or damage have been minimized, (b) the customer assumes all such risks, and (c) the liability of Para Systems Inc. is adequately protected under the circumstances.

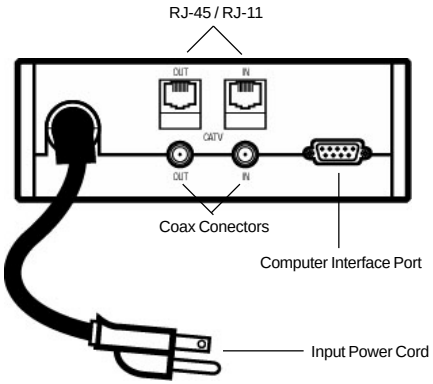
Examples of devices considered to be life support devices are neonatal oxygen analyzers, nerve stimulators (whether used for anesthesia, pain relief, or other purposes), auto transfusion devices, blood pumps, defibrillators, arrhythmia detectors and alarms, pacemakers, hemodialysis systems, peritoneal dialysis systems, neonatal ventilator incubators, ventilators for both adults and infants, anesthesia ventilators, and infusion pumps as well as any other devices designated as “critical” by the United States FDA.

Hospital grade wiring devices and leakage current may be ordered as options on many PARA SYSTEMS UPS systems. PARA SYSTEMS does not claim that units with this modification are certified or listed as Hospital Grade by PARA SYSTEMS or any other organization. Therefore, these units do not meet the requirements for use in direct patient care.

2 CONTROLS AND INDICATORS



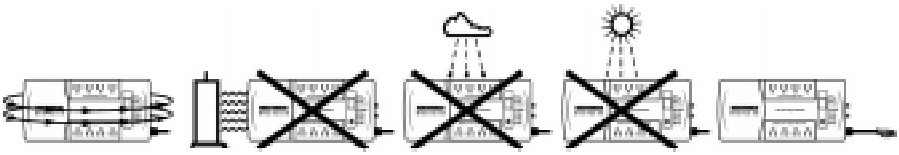
1. The SP (surge protected) Outlets LED (green) illuminates when the Surge Protected outlets are suppling power.
2. The Site Wiring Fault LED (red) illuminates when the UPS detects an improperly wired AC power outlet (see section 3).
3. The UPS Outlets Overload LED (yellow) illuminates when the loads connected to the UPS exceed the UPS power rating (see section 4).
4. The Check Battery LED (yellow) illuminates when the UPS has detected that battery is Weak or Bad. Battery replacement might be required (see section 6).
5. The Using Battery LED (yellow) illuminates when the UPS is in the Battery mode.
6. The UPS Outlets LED (green) illuminates in the AC and the Battery modes to indicate that the Battery Power Supplied (UPS) outlets are providing power.
7. The Power Switch is to turn the UPS Off/On.
8. The Input Circuit Breaker will trip in the event that the load exceeds the UPS's power rating.
9. The Battery Power Supplied (UPS) Outlets provide AC Power to the load in both the AC normal mode and the Battery back-up mode.
10. The Surge Protected (SP) Outlets provide AC Power to the load "ONLY IN THE AC NORMAL MODE". The Surge Protected Outlets do not provide AC power in the Battery mode. The SP Outlets are only for the "non-critical loads".



1. The RJ-45/RJ-11 modular connectors are used for 10 Base-T network/single line telephone surge protection (see section 3).
2. The input power cord has a NEMA 5-15P connector.
3. The Coax connectors are for "Video" surge protection only (see section 3).
4. The computer interface port is for UPS monitoring and control (see section 3).

3 INSTALLATION

INSTALLATION PLACEMENT



Install the UPS in a temperature controlled environment that is free of conductive contaminants. Select a location which will provide good air circulation for the UPS at all times. Avoid locations near heating devices, water or excessive humidity, or where the UPS is exposed to direct sunlight. Route power cords so they cannot be walked on or damaged.

CONNECTING TO AN AC SOURCE

Plug the UPS into a two pole, three wire, grounded receptacle only. Do not use extension cords or adapter plugs.

COMPUTER INTERFACE CONNECTION (OPTIONAL)

MINUTEMAN Power Management software and interface cable kits can be used with the Office Plus series UPS. Use only MINUTEMAN or MINUTEMAN approved interface cables with these UPSs. Connect the interface cable to the 9 pin computer interface port on the UPS. Secure the connector to the UPS via the screws on the connector housing. Connect the other end of the cable to the device that will be monitoring/controlling the UPS.

NOTE: THE COMPUTER INTERFACE PORT IS OPTIONAL. THE UPS WORKS PROPERLY WITHOUT A CONNECTION.

TELEPHONE/NETWORK SURGE PROTECTION CONNECTION (OPTIONAL)

Connect a single line telephone or a 10 Base-T network line to the RJ-45/RJ11 connectors on the UPS. This connection will require another length of telephone or network cable. The cable coming from the telephone service or networked system is connected to the port marked “IN”, the “OUT port is connected to the equipment to be protected.

NOTE: THE TELEPHONE/NETWORK SURGE PROTECTION CONNECTION IS OPTIONAL. THE UPS WORKS PROPERLY WITHOUT A CONNECTION.

VIDEO COAX CABLE SURGE PROTECTION CONNECTION (OPTIONAL)

Connect the Video coax cable, coming from the cable service, to the coax connector labeled "IN" on the UPS. Connect a new coax cable to the connector labeled "OUT" on the UPS to the equipment to be protected. This connection will require another coax cable.

NOTE: THE VIDEO COAX CABLE SURGE PROTECTION CONNECTION IS OPTIONAL. THE UPS WORKS PROPERLY WITHOUT A CONNECTION.

CHECKING THE SITE WIRING FAULT

After plugging in the UPS check the Site Wiring Fault (SWF) LED. If the LED is illuminated the UPS is plugged into an improperly wired AC outlet.



CAUTION! IF THE UPS INDICATES A SITE WIRING FAULT, HAVE A QUALIFIED ELECTRICIAN CORRECT THE PROBLEM.

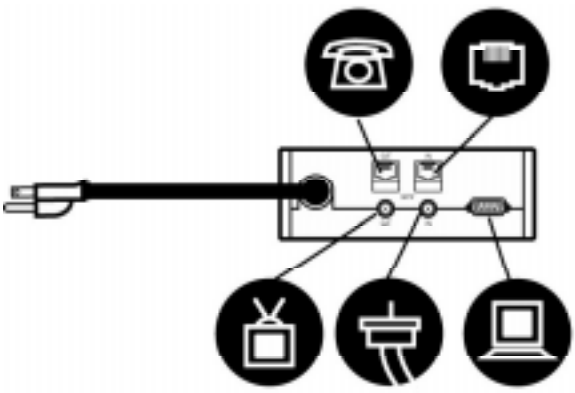
CHARGING THE BATTERY

The Office Plus series UPSs will charge the internal battery whenever the unit is connected to an AC source. It is recommended that the UPS's batteries be charged for a minimum of 4 hours before use. The UPS may be used immediately, however, the “on battery” run time may be less than normally expected.

CONNECTING YOUR EQUIPMENT

Plug the critical equipment into the Battery Power Supplied Receptacles. Plug the non-critical equipment into the Surge Protected Receptacles. Insure that you do not exceed the maximum output rating of the UPS (refer to the UPS's electrical specifications).

CAUTION! DO NOT CONNECT A LASER PRINTER TO THE BATTERY BACKUP RECEPTACLES ON THE UPS UNLESS THE UPS IS RATED 2000VA OR GREATER. A LASER PRINTER DRAWS SIGNIFICANTLY MORE POWER WHEN PRINTING THAN AT IDLE, AND MAY OVERLOAD THE UPS.



COMMUNICATION PORT

The communications port is a standard DB9 female with RS232 communications.

The pinout for the port is depicted per the chart below:

Pin 1: Not used
Pin 2: /TXD
Pin 3: /RXD and receive ups shutdown command
Pin 4: Not used
Pin 5: Ground (common for Pins2,3)
Pin 6: Not used
Pin 7: Not used
Pin 8: Not used
Pin 9: Not used

4 OPERATION

TURNING THE UNIT ON/OFF

On / Off PowerSwitch 

Turn the power switch on and the load is immediately powered while the UPS runs a 5 second self test. The UPS will continue to charge the batteries whenever it is plugged in and there is AC present.

SELF TEST

On / Off Power Switch 

The self test feature is useful to verify the correct operation of the UPS and the condition of the battery. When the UPS is plugged into normal AC, turn the power switch on and the UPS will perform a self test.

Note: The UPS will automatically perform a self test on startup and every two weeks.

During the self test the UPS will switch to battery power and the Using Battery and UPS Outlets LED's will illuminate and the audible alarm will sound as well. The length of the test that automatically is performed every two weeks is longer than the start-up test. This test will run for approximately fifteen seconds to measure the battery's capability to provide an acceptable amount of runtime. If the UPS fails a self test one of the LED's will remain illuminated indicating the type of problem (see Troubleshooting section).

ALARMS

USING BATTERY

When the UPS is operating on the batteries, the UPS Outlets and the Using Battery LEDs will illiuminiate and the audible alarm will sound every 10 seconds. The alarm will stop once the UPS returns to AC normal mode.

OVERLOAD

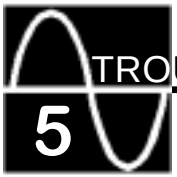
When the amount of load attached to the UPS exceeds its power rating the UPS Outlets Overload LED will illuminate and the UPS will emit a sustained tone. This alarm will remain on until the excess load is removed or the UPS's self protection circuit shuts the UPS down.

CHECK BATTERY

The UPS automatically tests the battery's condition and will illuminate the Check Battery LED and emit a short beep. This tone will be repeated every hour until the battery passes a self test. It is recommended that the UPS be allowed to charge overnight before performing a battery test to confirm a replace battery condition.

LOW BATTERY WARNING

The UPS will emit two consecutive beeps every five seconds when the battery reserve runs low. This continues until AC returns or the UPS shuts down from battery exhaustion.



5 TROUBLESHOOTING

Symptom	Possible Cause	What To Do
UPS will not turn on	Power Switch not in the ON position	Switch the power switch to the ON position to start UPS
UPS operates in the battery mode only, even though there is normal AC present	Input AC breaker is tripped	Reset circuit breaker by pressing the plunger back in. If circuit breaker trips after UPS starts up, reduce the load on the UPS
The UPS Outlets Overload LED is illuminated	The load has exceeded the UPS's rated capacity	Remove part of the load
Site Wiring Fault LED is illuminated	Incorrect service wiring	Have a qualified electrician correct the service wiring
The Using Battery and UPS Outlets LEDs are illuminated, but there is no output	The UPS is being controlled via its computer port	Disconnect the computer cable from the UPS and turn the power switch OFF then ON. If the UPS works normally, the software has control of the UPS
UPS does not provide expected backup time	The batteries may be weak or at the end of useful service life	Charge the batteries for 8 hoursand retest. If the backup time is still less than expected, the batt-eries may need to be replaced, even though the Check Battery LED is not illuminated
Check Battery LED is illuminated	Weak or bad batteries. Bad battery connection	Check the battery connection and/ or replace the batteries. Follow battery replacement procedures in section 6.
The UPS occaisionally emits a beep	Normal operation	The UPS is performing its intended function

6 REPLACING THE BATTERY

REPLACING THE BATTERY

The Office Plus series UPS has an easy to replace hot-swappable battery. Please read the following warning statements before attempting to service the battery.

WARNING! THIS UNINTERRUPTIBLE POWER SOURCE CONTAINS POTENTIALLY HAZARDOUS VOLTAGES. DO NOT ATTEMPT TO DISASSEMBLE THE UNIT BEYOND BATTERY REPLACEMENT PROCEDURES BELOW. EXCEPT FOR THE BATTERY, THIS UPS CONTAINS NO USER SERVICABLE PARTS. REPAIRS CAN BE PERFORMED BY MINUTEMAN SERVICE PERSONNEL ONLY

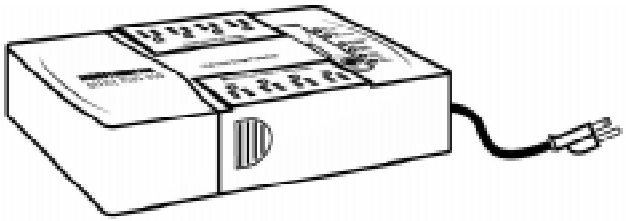
CAUTION: DO NOT OPEN OR MUTILATE THE BATTERY. RELEASED ELECTROLYTE IS HARMFUL TO THE SKIN AND EYES AND MAY BE TOXIC

CAUTION: DO NOT DISPOSE OF BATTERY IN A FIRE. THE BATTERY MAY EXPLODE

CAUTION: THE BATTERY IN THIS UPS IS RECYCLABLE. DISPOSE OF THE BATTERY PROPERLY. THE BATTERY CONTAINS LEAD AND POSE A HAZARD TO THE ENVIRONMENT AND HUMAN HEALTH IF NOT DISPOSED OF PROPERLY. REFER TO LOCAL CODES FOR PROPER DISPOSAL OR RETURN THE BATTERY TO MINUTEMAN.

CAUTION: ALTHOUGH BATTERY SYSTEM VOLTAGE IS ONLY 12 VDC THE BATTERY SYSTEM CAN STILL PRESENT A RISK. THE CURRENT CAPABILITY OF A BATTERY IS SUFFICENT TO BURN WIRE OR TOOLS VERY RAPIDLY, PRODUCING MOLTEN METAL. OBSERVE THESE PRECAUTIONS WHEN REPLACING THE BATTERY:

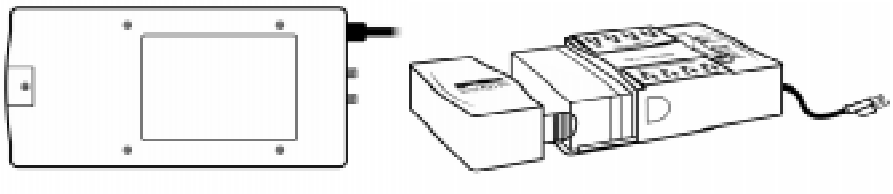
1. REMOVE WATCHES, RINGS, OR OTHER METAL OBJECTS.
2. USE HAND TOOLS WITH INSULATED HANDLES.
3. DO NOT LAY TOOLS OR OTHER METAL PARTS ON TOP OF THE BATTERY.
4. REPLACE THE BATTERY WITH THE SAME NUMBER AND TYPE AS ORIGINALLY INSTALLED IN THE UPS. THIS BATTERY HAS PRESSURE OPERATED VENTS.



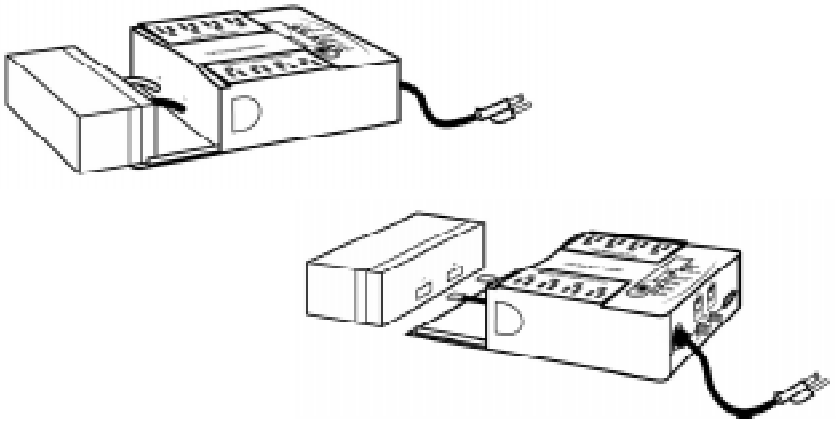
BATTERY REPLACEMENT PROCEDURE

PLEASE READ THE CAUTIONS SECTION BEFORE ATTEMPTING TO REPLACE THE BATTERY. Hot-swappable battery means that the battery can be replaced without powering down the whole UPS system. **NOTE:** If there is a power interruption while replacing the hot-swappable battery, with the UPS on, the load will not be backed up.

1. Turn off the equipment that is plugged into the output receptacles of the UPS.
2. Turn off the AC Power Switch on the UPS.
3. Unplug the UPS's AC power cord from the AC outlet.
4. Unplug the equipment from the output receptacles of the UPS.
5. Remove the retaining screw, on the bottom side, that attachs the battery panel to the UPS.
6. On both sides of the UPS there are two locking tabs that attach the battery panel to the UPS. Push the tabs inward and pull the battery panel off the UPS.



8. Lift the battery out far enough to get to the battery wires.
9. Disconnect the positive (red) wire from the battery positve terminal.
10. Disconnect the battery negative (black) wire from the battery negative terminal. Set aside the bad battery.
11. With the new battery, reconnect the battery negative (black) wire to the battery negative terminal. Verify proper polarity, negative (black) wire to the battery negative terminal.
12. Reconnect the battery positive (red) wire to the battery positive terminal. Some sparking may occur, this is normal. Verify proper polarity, reinstall the battery into the UPS.
13. Reinstall the battery panel.
14. Reinstall the retaining screw.
15. Dispose of the bad battery properly at an appropriate recycling facility or return it to the supplier in the packing material for the new battery.
16. The UPS is now ready for the normal start-up procedure.



7 OBTAINING SERVICE

IF THE UPS REQUIRES SERVICE

1. Use the **TROUBLESHOOTING** section to eliminate obvious causes.

2. Verify that no circuit breakers are tripped. A tripped circuit breaker is the most common problem.

3. Call your dealer for assistance. If you cannot reach your dealer, or if they cannot resolve the problem, call or Fax MINUTEMAN Technical Support at the following numbers; phone 972-446-7363, Fax line 972-446-9011 or visit our web site at www.minutemanups.com "The Discusssion Board". Please have the following information available BEFORE calling the Technical Support Department.

   A. Your Name and address.
   B. Where and when the unit was purchased.
   C. All of the model information on the label of your Office Plus series UPS.
   D. Any information on the failure, including LEDs that may be illuminated.
   E. A description of the protected equipment, including model numbers if possible.
   F. A technician will ask you for the above information and, if possible, help solve your problem over the phone. In the event that the unit requires factory service, the technician will issue you a Return Material Authorization Number (RMA #).
   G. If the UPS is under warranty, the repairs will be done at no charge. If not, there will be a charge for repair.

4. Pack the UPS in its original packaging. If the original packaging is no longer available, ask the technical support technician about obtaining a new set. It is important to pack the UPS properly in order to avoid damage in transit. Never use Styrofoam beads for a packing material.

   A. Include a letter with your name, address, day time phone number, RMA number, a copy of your original sales receipt, and a brief description of the problem.

5. Mark the RMA # on the outside of all packages. The factory cannot accept any package without the RMA # marked on the outside.

6. Return the UPS by insured, prepaid carrier to:

MINUTEMAN, Para Systems Inc.
1455 LeMay Drive
Carrollton, Tx. 75007

8 SPECIFICATIONS

MODELS	Office Plus 350	Office Plus 500
Acceptable input voltage	0 - 153 VAC	
Input voltage (on-line operation)	98 - 132 VAC	
Output voltage	98 - 132 VAC	
Nominal input frequency	50 or 60 Hz, autosensing	
Input protection	Resettable circuit breaker	
Frequency limits (on-line operation)	50 or 60 Hz, +/-5%	
Transfer time	2 - 4 ms typical	
Maximum load	350 VA 180 W	500 VA 270 W
On-battery output voltage	115 VAC	
On-battery frequency	50 or 60 Hz, +/-1%, unless synchronized to utility during brownout	
On-battery waveshape	Simulate sine-wave	
Protection	Overcurrent and short circuit protected, latching shutdown on overload	
Surge energy rating (one time, 10/1000 us waveform)	500 Joules	
Surge current capability (one time, 8/20 us waveform)	6500 Amps	
Surge response time	0 ns (instantaneous) normal mode; <5 ns common mode	
Surge voltage let-through (percentage of applied ANSI C62.41 Cat. A +/-6kV test waveform)	<7%	
Noise filter	Normal and common mode EMI/RFI suppression	
Battery Type-Spill proof, maintenance free, user replaceable, sealed lead-acid	ONE 12V 17 WATTS	ONE 12V 21 WATTS
Typical battery life	3 to 6 years, depending on the number of discharge cycles and ambient temp.	
Typical recharge time	4 to 10 hours from total discharge	
10 Base-T surge protection let-through (as a percentage of an applied +/-6 kV 1.2/50 us, 500 a 8/20 us test)	<5%	
Telephone line surge protection let-through (as a percentage of an applied +/-6 kV 1.2/50 us, 500 a 8/20 us test)	<1%	
Operating temperature	0 to 40 degrees C (+32 to 104 degrees F)	
Storage temperature	-15 to +45 degrees C (+5 to +113 degrees F)	
Operating and storage relative humidity	0 to 95%, non-condensing	
Operating elevation	0 to +3,000 m (0 to + 10,000 ft)	
Storage elevation	0 to +15,000 m (0 to +50,000 ft)	
Electromagnetic immunity	IEC 801-2 level IV, 801-4 level IV, 801 -5 level III	
Audible noise at 1 m (3 ft.)	<45 dBA	
Size (H x W x D)	6.35 x 15.6 x 32.8 cm (2.5 x 6.125 x 12.9 in)	
Weight - Net (Shipping)	3.1(3.6) Kg 6.8 (8) Lb	3.5 (4.1) Kg 7.8 (9) Lb
Safety and approvals	UL1778, UL1449, cUL, NOM	
EMC Verification	FCC Class B certified	

9 CONFIGURABLE PARAMETERS AND SETTINGS

(These items require optional software or hardware)

FUNCTION	FACTORY DEFAULT	USER CHOICES	DESCRIPTION
UPS ID	Office Plus Series	Up to 64 characters to define the UPS	Use this function to uniquely identify the UPS in your network configuration
Runtime on battery	20 minutes	1-999 minutes	This will configure the expected runtime on battery
Runtime after a Low Battery Warning signal	2 minutes	1-10 minutes	This will configure the expected runtime on battery after receiving a Low Battery Warning signal
Enable/ Disable auto resstart	Enabled	Enable or disable	When enabled, the UPS will automatically restart from a low battery shutdown when normal AC returns
Set audible alarm state	Enabled	Enabled, at low battery, disabled	Enabled - the UPS will emit a short beep when in the battery mode. At Low Battery the UPS will emit two beeps from low battery warning until shutdown. Disabled - Use only when software is controlling the UPS or to silence the alarm
Shutdown Type	UPS output	UPS output or UPS	UPS Output - When the UPS is told to shut down, it turns off the UPS output only. UPS - Turns off the UPS which requires the UPS to be turned on manually

10 LIMITED PRODUCT WARRANTY

LIMITED PRODUCT WARRANTY

Para Systems Inc. (Para Systems) warrants this equipment, when properly applied and operated within specified conditions, against faulty materials or workmanship for a period of three years from the date of manufacture. For equipment sites within the United States and Canada, this warranty covers repair or replacement of defective equipment at the discretion of Para Systems. Repair will be from the nearest authorized service center. Replacement parts and warranty labor will be borne by Para Systems. For equipment located outside of the United States and Canada, Para Systems only covers faulty parts. Para Systems products repaired or replaced pursuant to this warranty shall be warranted for the unexpired portion of the warranty applying to the original product. This warranty applies only to the original purchaser who must have properly registered the product within 10 days of purchase.

The warranty shall be void if (a) the equipment is damaged by the customer, is improperly used, is subjected to an adverse operating environment, or is operated outside the limits of its electrical specifications; (b) the equipment is repaired or modified by anyone other than Para Systems or Para Systems-approved personnel; or (c) has been used in a manner contrary to the product's operating manual or other written instructions.

Any technical advice furnished before or after delivery in regard to use or application of Para Systems's equipment is furnished without charge and on the basis that it represents Para Systems's best judgment under the circumstances, but it is used at the recipient's sole risk.

EXCEPT AS PROVIDED HEREIN, PARA SYSTEMS MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Some states do not permit limitation of implied warranties; therefore, the aforesaid limitation(s) may not apply to the purchaser.

EXCEPT AS PROVIDED ABOVE, IN NO EVENT WILL PARA SYSTEMS BE LIABLE FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OF THIS PRODUCT, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. Specifically, Para Systems is not liable for any costs, such as lost profits or revenue, loss of equipment, loss of use of equipment, loss of software, loss of data, cost of substitutes, claims by third parties, or otherwise. The sole and exclusive remedy for breach of any warranty, expressed or implied, concerning Para Systems's products and the only obligation of Para Systems hereunder, shall be the repair or replacement of defective equipment, components, or parts; or, at Para Systems's option, refund of the purchase price or substitution with an equivalent replacement product. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

Longer term and F.O.B. job site warranties are available at extra cost. Contact Para Systems (1-972-446-7363) for details.

MINUTEMAN
UNINTERRUPTIBLE POWER SUPPLIES

DECLARATION OF CONFORMITY

English

Application of Council Directive(s): 89/336/EEC, 7/23/EEC

Standard(s) to which Conformity is declared: EN50091-2, EN60555-2, EN61000-3, EN50091-1

Manufacturer's Name: Para Systems, Inc. (Minuteman Power Supplies)

Manufacturer's Address: 1455 LeMay Drive

Carrollton, Texas 75007 USA

Type of Equipment: Uninterruptible Power Supplies

Model No: Office Plus 350 (Y), Office Plus 500 (Y)

Year of Manufacture: Beginning July 24, 2000

I, the undersigned, hereby declare that the equipment specified above conforms to the above Directive(s).

Place: Carrollton, Tx USA

Christopher A Wood

(Signature)

Date: July 24, 2000

Christopher A. Wood
(Full Name)

VP of Engineering
(Position)

Para Systems, Inc.
1455 Lemay Dr.
Carrollton, TX 75007
Phone: 972-446-7363
Fax: 972-446-9011
Quickfax: 800-263-3933
Internet: minuteman-ups.com

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