



**AG-0005 OmniVS 940W
Line Interactive UPS
System**



TRIPP LITE AG-0005 OmniVS 940W Line Interactive UPS System Owner's Manual

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TRIPP LITE AG-0005 OmniVS 940W Line Interactive UPS System



PROTECT YOUR INVESTMENT!

Register your product for quicker service and ultimate peace of mind. You could also win an ISOBAR6ULTRA



surge protector—

a \$100 value! www.tripplite.com/warrant.



Important Safety Instructions

SAVE THESE INSTRUCTIONS

This manual contains instructions and warnings that should be followed during the installation, operation, and storage of this product. Failure to heed these warnings will void the warranty.

UPS Location Warnings

- Install the UPS indoors, away from excess moisture or heat, dust, or direct sunlight.
- For best performance, keep the indoor temperature between 32° F and 104° F (0° C and 40° C).
- Leave adequate space around all sides of the UPS for proper ventilation.

UPS Connection Warnings

- CAUTION! To reduce the risk of fire, connect only to a circuit provided with branch circuit overcurrent protection by the National Electrical Code, ANSI/NFPA 70, and the Canadian Electrical Code, Part I, C22.1.
- Short circuit backup protection and overcurrent protection are provided by the building installation. Be sure to use the proper overcurrent protection for the installation by the plug/equipment rating.
- Connect the UPS directly to a properly grounded AC power outlet. Do not plug the UPS into itself; this will damage the UPS.
- Do not modify the UPS plug, and do not use an adapter that would eliminate the ground connection.
- Do not use extension cords to connect the UPS to an AC outlet. The warranty will be void if anything other than Tripp Lite surge protectors are used to connect the UPS to an outlet.
- If the UPS receives power from a motor-powered AC generator, the generator must provide clean, filtered, computer-grade output.

Equipment Connection Warnings

- Use of this equipment in life support applications where the failure of this equipment can reasonably be expected to cause the failure of the life support equipment or to significantly affect its safety or effectiveness is not recommended.
- Do not connect surge protectors or extension cords to the output of the UPS. This may damage the UPS and will void the surge protector and UPS warranties.

Battery Warnings

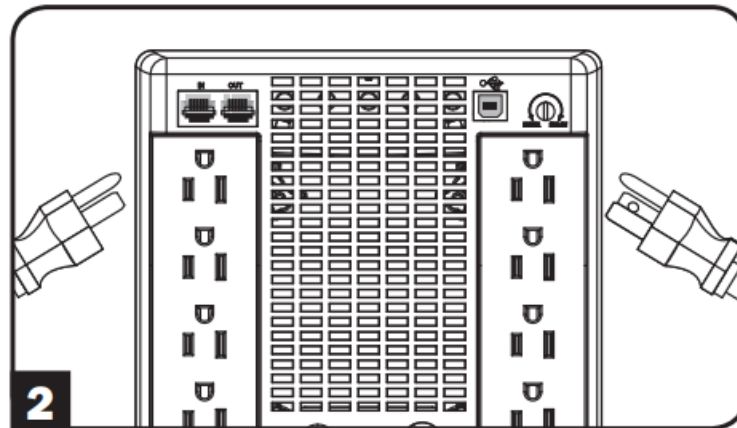
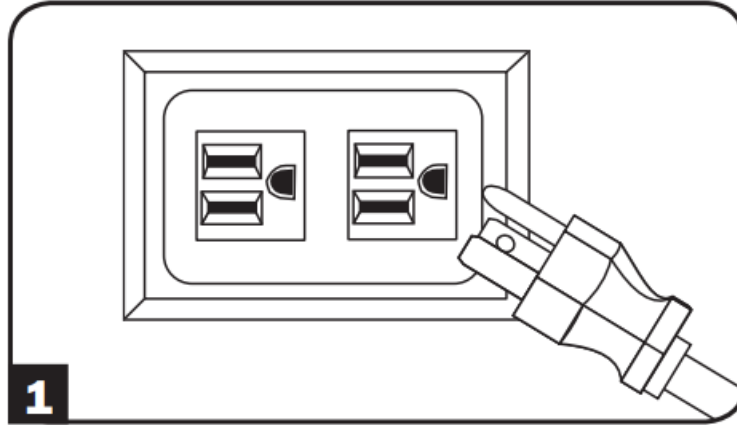
- The UPS does not require routine maintenance. Do not open the UPS for any reason.
- There are no user-serviceable parts inside.
- Batteries can present a risk of electrical shock and burn from high short-circuit currents.
- Observe proper precautions. Do not dispose of the batteries in a fire. Do not open the UPS or batteries. Do not short or bridge the battery terminals with any object. Use tools with insulated handles.
- Battery replacement should be performed only by authorized service personnel using the same number and type of batteries (Sealed Lead-Acid). The batteries are recyclable.
- Refer to your local codes for disposal requirements, or in the USA only, call 1-800-SAV-LEAD or 1-800-8-BATTERY (1-[800-822-8837](tel:8008228837)) or visit www.rbrc.com for recycling information.
- Tripp Lite offers a complete line of UPS System Replacement Battery Cartridges (R.B.C.). Visit Tripp Lite on the Web at www.tripplite.com/support/battery/index.cfm to locate the specific replacement battery for your

UPS.

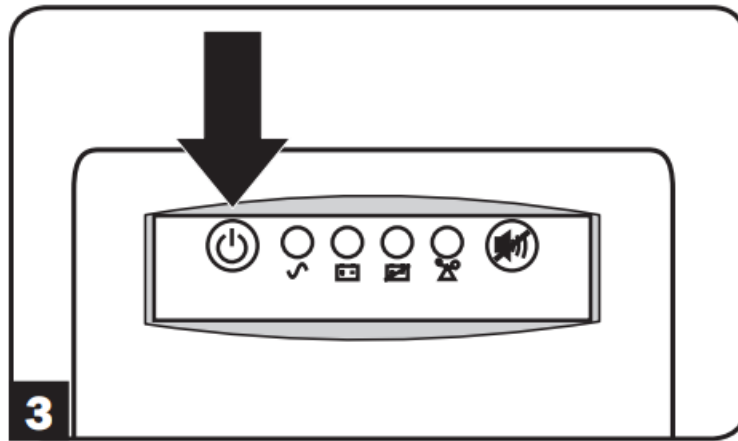
- Do not attempt to add external batteries.



Quick Installation

1. Connect the UPS to an electrical outlet. Make sure the outlet does not share a circuit with a heavy electrical load, such as an air conditioner or refrigerator.



2. Plug a computer, monitor, and/or other equipment into the UPS system.
3. The UPS is designed to support only computer equipment. Connecting high-power drawing equipment, such as household appliances or laser printers, to outlets providing UPS battery backup will overload the UPS. Select outlets (clearly labeled on the rear panel) provide surge-only, not battery backup) protection designed for laser printers and other heavy-draw devices. "UPS/Surge" receptacles are used to provide connected equipment with AC line power during normal operation and battery power during blackouts and brownouts. They also protect equipment against damaging surges and line noise. Connect the computer and monitor the "UPS/Surge" receptacles.
4. Select UPS Operating Mode.

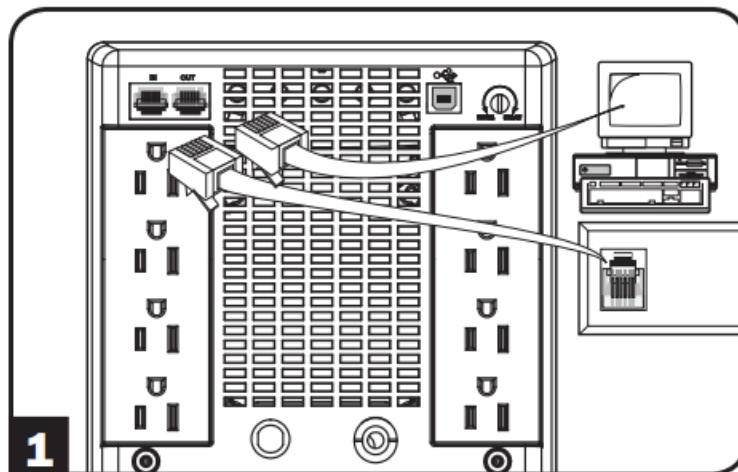


5. Press the ON/STANDBY button to toggle the UPS between the ON (“” LED lit) and the STANDBY (“” LED not lit) modes.

Quick Installation (optional)

These connections are optional. The UPS will function properly without these connections.

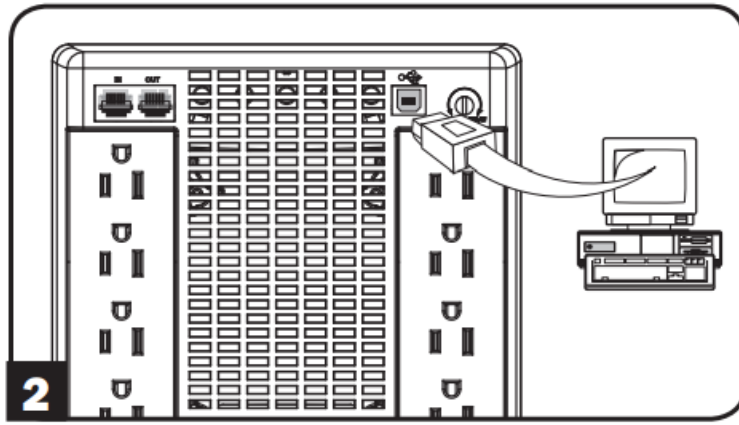
Phone Line/Network Line Surge Suppression



1. The UPS has a jackthatch to protect against surges over a phone or network data line.
2. Using telephone cords or network data cables as appropriate, connect the wall jack to the UPS jack marked “IN.”
3. Connect the equipment to the UPS jack marked “OUT.” Make sure the equipment connected to the UPS jacks is also protected against surges on the AC line.
4. Not compatible with PoE (Power over Ethernet) applications.

USB Communications

Use any USB cable to connect the computer’s USB port to the USB port of the UPS. Download the PowerAlert UPS monitoring software program appropriate for the computer’s operating system from www.tripplite.com/software/ and install it.





Basic Operation



Buttons



ON/STANDBY Button

- Switch the Operating Mode: While the UPS is plugged into a live AC outlet, press the ON/STANDBY button, and hold it until the UPS beeps (about 2 seconds) to toggle between ON and STANDBY.
- ON Mode: ENABLES battery backup. UPS Conditions: The UPS charges the battery and supplies power to the outlets while receiving utility line power. The “” indicator light will illuminate.

If utility power fails, the UPS provides power from the battery. Cold-Start: Cold start the UPS to use it as a stand-alone power source when utility power is not present (if the UPS battery is charged). To cold start the UPS, press and hold the ON/STANDBY button until the UPS beeps (about 2 seconds), then release. The “” indicator will illuminate, and AC power inverted from stored battery power will be provided to the outlets.



MUTE/TEST Button

- Silence the UPS On-Battery Alarm: Press and hold this button to silence the UPS on-battery alarm, a series of short beeps followed by a brief pause that is activated when the UPS is providing AC power from the battery.
- Note: When the battery is nearly depleted, the low battery alarm—a continuous beep that cannot be silenced—will warn to shut down connected equipment immediately.
- Run a Self-Test: To run a self-test, leave connected equipment on. With the UPS plugged in and ON, press and hold the button until the UPS beeps (about 2 seconds), then release.
- Self-Test Results: All LEDs will be lit (except the AVR LED), and the UPS will emit several short beeps as it momentarily switches to the battery to test charge and load capacity. The test will last up to 10 seconds. If the inverter is overloaded, the “” LED will stay lit, and the UPS will continue to beep after the test; if this happens, remove some of the load from the “UPS/Surge” outlets and run the self-test again. If the batteries are weak, the “” LED will stay lit, and the UPS will continue to beep after the test.
- If this happens, let the UPS charge its batteries for 12 hours and repeat the test. If the condition persists, contact Tripp Lite for service.

CAUTION:

Do not unplug the UPS to test its batteries. This will remove safe electrical grounding and may introduce a

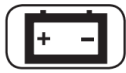
damaging surge into network connections.

Indicator Lights

- All Indicator Light descriptions apply when the UPS is plugged into an AC outlet and turned on.



- **LINE POWER:** This green light will illuminate whenever the UPS is ON and receiving normal AC line power.



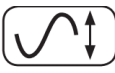
- **BATTERY POWER:** This yellow light will illuminate when the UPS is providing equipment with battery power.



- **REPLACE BATTERY:** This red light will illuminate continuously after the UPS runs a self-test to indicate that the battery is weak. If it remains lit after allowing the UPS to charge for twelve hours and running a second self-test, contact Tripp Lite for service.



- **OVERLOAD:** This red light will illuminate continuously to indicate that the UPS is overloaded when the UPS is providing power from a battery or after the UPS runs a self-test. If it lights up, immediately remove some of the equipment connected to the “UPS/Surge” outlets and run a self-test. Large overloads may cause the UPS to shut down.

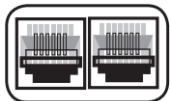


- **Automatic Voltage Regulation (AVR):** This green light will illuminate when your UPS is automatically correcting high or low AC voltage. The UPS will also click gently. These are normal, automatic operations of your UPS, and no action is required.

Other UPS Features



AC Receptacles: “UPS/Surge” receptacles are used to provide connected equipment with AC line power during normal operation and battery power during blackouts and brownouts. They also protect equipment against damaging surges and line noise. Select outlets (clearly labeled on the rear panel) provide surge-only (no battery backup) protection designed for laser printers and other heavy-draw devices.

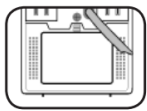


Telephone/DSL/Ethernet Protection Jacks: These jacks protect equipment against surges over a telephone or data line. Connecting equipment to these jacks is optional. The UPS will work properly without this connection.



USB Communication Port: This port can connect your UPS to any computer for automatic file saves and unattended shutdown in the event of a power failure. Use Tripp Lite's PowerAlert® Software (available as a FREE download at www.tripplite.com) and appropriate USB cable. The SB cable may be included with your UPS. If the appropriate cable does not come with your UPS, any user-supplied USB cable may then be used to connect your UPS to your computer. This connection is optional. The UPS will work properly without this connection.

Note: This UPS System provides basic communication compatibility with most integrated Windows®, Macintosh®, and Linux power management applications.



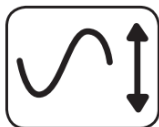
Battery Replacement Door: Under normal conditions, the original battery in the UPS will last several years. Battery replacement should be performed only by qualified service personnel. Refer to “Battery Warnings” in the Safety section. Should the UPS require battery replacement, visit Tripp Lite on the Web at www.tripplite.com/support/battery/index.cfm to locate the specific replacement battery for the UPS.



Power Sensitivity Adjustment: This dial is normally set fully counterclockwise, which enables the UPS to protect against waveform distortions in its AC input. When such distortions occur, the UPS will normally switch to providing PWM sinewave power from its battery reserves for as long as the distortions are present.

In some areas with poor utility power or where the UPS's input power comes from a backup generator, frequent brownouts and/or chronic waveform distortion could cause the UPS to switch to battery too often, draining its battery reserves. It may be possible to reduce how often the UPS switches to the battery due to waveform distortion or brownouts by experimenting with different settings for this dial. As the dial is turned clockwise, the UPS becomes more tolerant of variations in its input power's AC waveform and switches to the battery less often.

Note: The further the dial is adjusted clockwise, the greater the degree of waveform distortion the UPS will allow to pass to connected equipment. When experimenting with different settings for this dial, operate connected equipment in a safe test mode so that the effect on the equipment of any waveform distortions in the UPS's output can be evaluated without disrupting critical operations. The experiment should last long enough to ensure that all expected line conditions are encountered.



Automatic Voltage Regulation: The UPS will automatically correct abnormal AC line voltage. When automatic voltage regulation is operating, the UPS may click gently. This is a normal, automatic operation of the UPS, and no action is required. Automatic voltage regulation is provided on both the battery backup receptacles and the surge-only recept

Storage & Service

All connected equipment should be turned off and then disconnected from the UPS to avoid battery drain. Unplug the UPS from its AC receptacle, then press and hold its ON/STANDBY button to deactivate it. The UPS is now ready for storage. When storing the UPS for an extended period, fully recharge the UPS batteries once every three months by plugging the UPS into a live AC outlet and letting the UPS charge for 12 hours. If the UPS batteries are discharged for an extended period, they will suffer a permanent loss of capacity.

Service

A variety of Extended Warranty and On-Site Service Programs are also available from Tripp Lite. For more information on the service, visit www.tripplite.com/support. Before returning your product for service, follow these steps:

1. Review the installation and operation procedures in this manual to ensure that the service problem does not originate from a misreading of the instructions.
2. If the problem continues, do not contact or return the product to the dealer. Instead, visit www.tripplite.com/support.
3. If the problem requires service, visit www.tripplite.com/support and click the “Request.
4. Return (RMA)” link. From here, you can request a Returned Material Authorization (RMA) number, which is

required for service. This simple online form will ask for your unit's model and serial numbers, along with other general purchaser information. The RMA number, along with shipping instructions, will be emailed to you. Any damages (direct, indirect, special, or consequential) to the product incurred during shipment to Tripp Lite or an authorized Tripp Lite service center are not covered under warranty. Products shipped to Tripp Lite or an authorized Tripp Lite service center must have transportation charges prepaid. Mark the RMA number on the outside of the package. If the product is within its warranty period, enclose a copy of your sales receipt. Return the product for service using an insured carrier to the address given to you when you request the RMA.

Product Registration and & Regulatory Compliance

Visit www.tripplite.com/warranty today to register your new Tripp Lite product. You'll be automatically entered into a drawing for a chance to win a FREE Tripp Lite product!*

No purchase is necessary. Void where prohibited. Some restrictions apply. See website for details.

FCC Notice, Class B

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device under part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used by the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful 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:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any changes or modifications to this equipment not expressly approved by Tripp Lite could void the user's authority to operate this equipment.

FCC Part 68 Notice (United States Only)

If your Modem/Fax Protection causes harm to the telephone network, the telephone company may temporarily discontinue your service. If possible, they will notify you in advance. If advance notice isn't practical, you will be notified as soon as possible. You will be advised of your right to file a complaint with the FCC. Your telephone company may make changes in its facilities, equipment, operations, or procedures that could affect the proper operation of your equipment. If it does, you will be given advance notice to allow you to maintain uninterrupted service.

If you experience trouble with this equipment's Modem/Fax Protection, please visit www.tripplite.com/support for repair/warranty information. The telephone company may ask you to disconnect this equipment from the network until the problem has been corrected or you are sure the equipment is not malfunctioning. There are no repairs that can be made by the customer to the Modem/Fax Protection. This equipment may not be used on the coin service provided by the telephone company. Connection to party lines is subject to state tariffs. (Contact your state public utility commission or corporation commission for information.)

Regulatory Compliance Identification Numbers

For regulatory compliance certifications and identification, your Tripp Lite product has been assigned a unique series number. The series number can be found on the product nameplate label, along with all required approval markings and information. When requesting compliance information for this product, always refer to the series

number. The series number should not be confused with the marking name or model number of the product. Tripp Lite has a policy of continuous improvement. Product specifications are subject to change without notice.

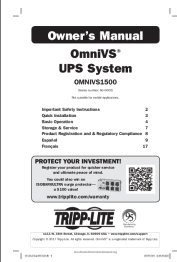
Note on Labeling

Two symbols are used on the label.

V~: AC Voltage V DC Voltage

1111 W. 35th Street, Chicago, IL 60609 USA www.tripplite.com/support

Documents / Resources

	<p>TRIPP LITE AG-0005 OmniVS 940W Line Interactive UPS System [pdf] Owner's Manual AG-0005 OmniVS 940W Line Interactive UPS System, AG-0005, OmniVS 940W Line Interactive UPS System, Line Interactive UPS System, Interactive UPS System, UPS System</p>
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References

- [📄 One moment, please...](#)
- [🌐 Call2Recycle | Leading the Charge For Battery Recycling](#)
- [📖 User Manual](#)

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