

Office Rack Mount UPS
OR1500LCDRM2U/OR2200LCDRM2U/OR2201LCDRM2U
User's Manual

K01-0000027-00

IMPORTANT SAFETY WARNINGS

This manual contains important instructions that should be followed during installation and maintenance of the UPS and batteries. Please read and follow all instructions carefully during installation and operation of the unit. Read this manual thoroughly before attempting to unpack, install, or operate.

CAUTION! The UPS must be connected to a grounded AC power outlet with fuse or circuit breaker protection. DO NOT plug the UPS into an outlet that is not grounded. If you need to de-energize this equipment, turn off and unplug the UPS.

CAUTION! DO NOT USE FOR MEDICAL OR LIFE SUPPORT EQUIPMENT! CyberPower Systems does not sell products for life support or medical applications. DO NOT use in any circumstance that would affect operation or safety of any life support equipment, with any medical applications, or patient care.

CAUTION! The battery can energize hazardous live parts inside even when the AC input power is disconnected.

CAUTION! To prevent the risk of fire or electric shock, install in a temperature and humidity controlled indoor area, free of conductive contaminants. (Please see specifications for acceptable temperature and humidity range).

CAUTION! To reduce the risk of electric shock, do not remove the cover, except to service the battery. There are no serviceable parts inside, except for the battery.

CAUTION! To avoid electrical shock, turn off the unit and unplug it from the AC power source before servicing the battery or installing a computer component.

CAUTION! DO NOT USE WITH OR NEAR AQUARIUMS! To reduce the risk of fire, do not use with or near aquariums. Condensation from the aquarium can come in contact with metal electrical contacts and cause the machine to short out.

CAUTION! DO NOT USE WITH LASER PRINTERS! The power demands of laser printers are too large for a UPS.

INSTALLING YOUR UPS SYSTEM

UNPACKING

Inspect the UPS upon receipt. The box should contain the following:

(1) UPS Unit, (1) User's Manual for UPS, (2) Rack mount Brackets, (2) Stands, (1) Telephone Cable; (1) PowerPanel® Business Edition Software CD, (2) Serial Interface Cable (DB-9); (1) USB A+B type cable; (1) Warranty Registration Card.

OVERVIEW

The OR1500LCDRM2U/OR2200LCDRM2U/OR2201LCDRM2U provides automatic voltage regulation for inconsistent utility power. The OR1500LCDRM2U/OR2200LCDRM2U/OR2201LCDRM2U features 1840 Joules of surge protection, and provides battery backup during power outages. The OR1500LCDRM2U/OR2200LCDRM2U/OR2201LCDRM2U ensures consistent power to your computer system and its included software will automatically save your open files and shutdown your computer system during a utility power loss.

AUTOMATIC VOLTAGE REGULATOR

The OR1500LCDRM2U/OR2200LCDRM2U/OR2201LCDRM2U stabilizes inconsistent utility power. The incoming utility power may be damaging to important data files, but with Automatic Voltage Regulation, the computer will not experience damaging voltage levels. An Automatic Voltage Regulator automatically increases low or decreases high voltage to a consistent, computer safe 110V/120v. The unit's powerful sealed lead-acid batteries will provide power only if the incoming voltage drops below 90v or increases above 140v.

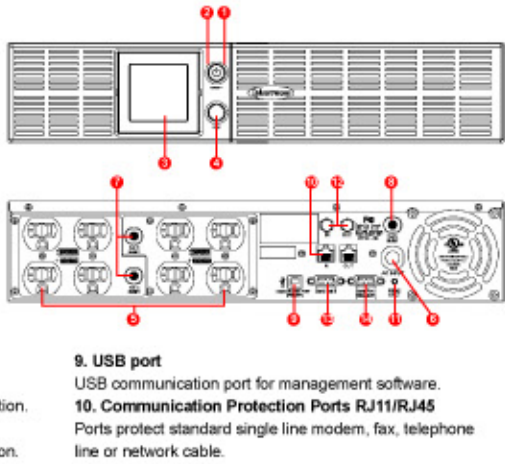
HARDWARE INSTALLATION GUIDE

- Your new UPS may be used immediately upon receipt. However, recharging the battery for at least four hours is recommended to ensure that the battery's maximum charge capacity is achieved. Charge loss may occur during shipping and storage. To recharge the battery, simply leave the unit plugged into an AC outlet. The unit will charge in both the on and off position.
- If you will use the software, connect the serial interface cable to the serial port on the UPS and the computer. If you would like to use USB cable, please connect the USB cable on the UPS then connect the USB cable to your computer.
- With the UPS unit off and unplugged, connect your computer, monitor, and any externally powered data storage device (Hard drive, Tape drive, etc.) to the battery power supplied outlets. DO NOT plug a laser printer, copier, space heater, vacuum, paper shredder or other large electrical device into the UPS. The power demands of these devices will overload and possibly damage the unit.
- To protect a fax, telephone, modem line or network cable, connect a telephone cable or network cable from the wall jack outlet to the IN jack of the UPS. Then connect a telephone cable or network cable from the OUT jack on the UPS to the modem, computer, telephone, fax machine, or network device.
- Plug the UPS into a 2 pole, 3 wire grounded receptacle (wall outlet). Make sure the wall branch outlet is protected by a fuse or circuit breaker and does not service equipment with large electrical demands (e.g. air conditioner, refrigerator, copier, etc.). Avoid using extension cords. If used, the extension cord must be grounded and be rated for 15 Amps.
- Depress the power switch to turn the unit on. The power on indicator light will illuminate. If an overload is detected, an audible alarm will sound and the unit will emit one long beep. To correct this, turn the UPS off and unplug at least one piece of equipment from the battery power supplied outlets. Wait 10 seconds. Make sure the circuit breaker is depressed and then turn the UPS on.
- If an overload is detected, an audible alarm will sound and the unit will emit one long beep. To correct this, turn the UPS off, unplug at least one piece of equipment, wait 10 seconds, check to make sure that the circuit breakers are depressed, and turn the unit on.
- Your UPS is equipped with an auto-charge feature. When the UPS is plugged into an AC outlet, the battery will automatically recharge.
- To maintain optimal battery charge, leave the UPS plugged into an AC outlet at all times.
- To store your UPS for an extended period, cover it and store with the battery fully charged. Recharge the battery every three months to ensure battery life.
- Professional Rack Mount UPS provides one serial port, one dry contact and one USB port to allow connection and communication between the UPS and computers or equipment. USB port and Serial port I (Primary) allow the simultaneous shutdown of two computer systems. Serial port II produces the basic information for the equipment that can utilize a dry contact ups. The Primary computers (with PowerPanel® Business Edition installed) are the computers that you will use to control the UPS and make any changes to the operation of the UPS. When there is a power failure, the computer which connects to Primary port will start to shutdown after a user controlled delay. PowerPanel® Business Edition will save and close any open files prior to shutting the system down.

BASIC OPERATION

FRONT / REAR PANEL DESCRIPTION

- Power Switch**
Master on/off switch for equipment connected to the UPS.
- Power on Indicator**
Indicate the power on.
- LCD module display**
LCD shows all the UPS information with icons and messages.
- LCD function selected switch**
The switch can be used to select the LCD display contents including input/output voltage and estimated run time, etc.
- Battery Backup Protected Outlets**
Provides eight battery powered, surge protected, AVR outlets for connected equipment and insures temporary uninterrupted operation of connected equipment during a power failure.
- Input Power Cord**
Heavy-duty, extra long power cord
- Output Circuit Breaker**
Resettable circuit breakers provide output optimal overload protection.
- Input Circuit Breaker**
Resettable circuit breakers provide input optimal overload protection.



11. Site Wire Fault Indicator

This LED will illuminate to warn the user that a wiring problem exists within the AC receptacle, such as a bad ground, missing ground or reversed wiring. If illuminated, disconnect all equipment and contact an electrician to ensure outlet is properly wired.

12. Coax/Cable/DSS Surge Protection

The Coax/Cable/DSS surge protection ports will protect any cable modem, CATV converter, or DSS receiver.

13. Serial Port I

Serial port allows connection and communication between the UPS and the computer. This allows the simultaneous shutdown of two computer systems.

14. Serial Port II (Dry contact)

Dry contact produces information for equipment that can read dry contact signals.

BATTERY REPLACEMENT

Contact your dealer or call the number in this manual for information on battery replacement. The order numbers for the battery are **BA-OR1500 for OR1500; BA-OR2200 for OR2200**

Read and follow the IMPORTANT SAFETY INSTRUCTIONS before servicing the battery. Service the battery under the supervision of personnel knowledgeable of batteries and their precautions. **Servicing the battery can only be performed by trained personnel.**

CAUTION! Use only the specified type of battery. See your dealer for replacement batteries.

CAUTION! The battery may present the risk of electrical shock. Do not dispose of batteries in a fire, as they may explode. Follow all local ordinances regarding proper disposal of batteries.

CAUTION! Do not open or mutilate the batteries. Release electrolyte is harmful to the skin and eyes and may be toxic.

CAUTION! A battery can present a high risk of short circuit current and electrical shock. Take the following precautions before replacing the battery:

- Remove all watches, rings or other metal objects.
- Only use tools with insulated handles.
- Do not lay tools or metal parts on top of battery or any terminals.
- Wear rubber gloves and boots.

5. Determine if the battery is inadvertently grounded. If inadvertently grounded, remove source of ground. **CONTACT WITH GROUNDED BATTERY CAN RESULT IN ELECTRICAL SHOCK!** The likelihood of such shock will be reduced if such grounds are removed during installation and maintenance (applicable to a UPS and a remote battery supply not having a grounded circuit).

BATTERY REPLACEMENT PROCEDURE:

- Remove the right side front panel.
- Remove the three retaining screws of the cable protection cover then remove the cover.
- Remove the two retaining screws of the cable connectors.
- Disconnect the black and red cable.
- Remove the four retaining screws.
- Change a new battery pack. Assemble the screws, cover, cable and front panel in the reverse sequence of above steps. Recharge the unit for 4-8 hours to ensure the UPS performs expected runtime.

DEFINITIONS FOR ILLUMINATED LCD INDICATORS



The LCD display indicates a variety of UPS operational conditions. All descriptions apply when the UPS is plugged into an AC outlet and turned on or when the UPS is on battery.

INPUT voltage meter: This meter measures the AC voltage that the UPS system is receiving from the utility wall outlet. The UPS is designed, through the use of automatic voltage regulation, to continuously supply connected equipment with stable, 110/120 output voltage. In the event of a complete power loss, severe brownout, or over-voltage, the UPS relies on its internal battery to supply consistent 110/120 output voltage. The INPUT voltage meter can be used as a diagnostic tool to identify poor-quality input power.

OUTPUT voltage meter: This meter measures, in real time, the AC voltage that the UPS system is providing to the computer, such as normal line mode, AVR mode, and battery back up mode.

Note: The OUTPUT voltage meter shows the status of the battery back up outlets.

ESTIMATE RUN TIME: This displays the run time estimate of the UPS with the current battery capacity and load.

NORMAL icon: This icon appears when the UPS is working under normal conditions.

BATTERY icon: During a severe brownout or blackout, this icon appears and an alarm sounds (two short beeps followed by a pause) to indicate the UPS is operating from its internal batteries. During a prolonged brownout or blackout, the alarm will sound continuously (and the BATT.CAPACITY meter shows one 20% capacity segment shaded) to indicate the UPS's batteries are nearly out of power. You should save files and turn off your equipment immediately.

AVR (Automatic Voltage Regulator) icon: This icon appears whenever your UPS is automatically correcting low AC line voltage without using battery power. This is a normal, automatic operation of your UPS, and no action is required on your part.

SILENT MODE icon: This icon appears whenever the UPS is in silent mode. The buzzer does not beep during silent mode until the battery reaches low capacity.

OVER LOAD icon: This icon appears and an alarm sounds to indicate the battery-supplied outlets are overloaded. To clear the overload, unplug some of your equipment from the battery-supplied outlets until the icon turns off and the alarm stops.

FAULT icon: This icon appears if there is a problem with the UPS. Contact CyberPower Systems at tech@cyberpowersystems.com for further help and support.

BATT. CAPACITY meter: This meter displays the approximate charge level (in 20% increments) of the UPS's internal battery. During a blackout or severe brownout, the UPS switches to battery power, the BATTERY icon appears, and the charge level decreases.

LOAD CAPACITY meter: This meter displays the approximate output load level (in 20% increments) of the UPS's battery outlets.

TROUBLE SHOOTING

Problem	Possible Cause	Solution
Outlets do not provide power to equipment	Circuit breaker has tripped due to an overload.	Turn the UPS off and unplug at least one piece of equipment. Wait 10 seconds, reset the circuit breaker by depressing the button, and then turn the UPS on.
	Batteries are discharged.	Recharge the unit for at least 4 hours
The UPS does not provide expected runtime.	Unit has been damaged by a surge or spike.	Recharge the battery by leaving the UPS plugged in.
	Battery not fully charged.	Recharge the battery by leaving the UPS plugged in.
The UPS will not turn on.	Battery is slightly worn out.	Contact CyberPower Systems about replacement batteries at tech@cyberpowersystems.com
	The on/off switch is designed to prevent damage by rapidly turning it off and on.	Turn the UPS off. Wait 10 seconds and then turn the UPS on.
	The unit is not connected to an AC outlet.	The unit must be connected to a 110/120v 60Hz outlet.
	The battery is worn out.	Contact CyberPower Systems about replacement batteries at tech@cyberpowersystems.com
PowerPanel® Business Edition is inactive.	Mechanical problem.	Contact CyberPower Systems at tech@cyberpowersystems.com
	The serial cable or USB cable is not connected.	Connect the cable to the UPS unit. You must use the cable that came with the unit.
	The cable is connected to the wrong port.	Try another port of your computer
	The unit is not providing battery power.	Shutdown your computer and turn the UPS off. Wait 10 seconds and turn the UPS on. This should reset the unit.
	The serial cable is not the cable that was provided with the unit.	You must use the cable included with the unit for the software.

Additional troubleshooting information can be found at www.cyberpowersystems.com/support.htm

TECHNICAL SPECIFICATIONS

Model	OR1500LCDRM2U	OR2200LCDRM2U	OR2201LCDRM2U
Capacity (VA)	1500VA	2000VA	2200VA
Capacity (Watts)	900W	1320W	1320W
Input			
Voltage Range	90 -140Vac		
Frequency Range	47 - 63Hz		
Output			
On Battery Output Voltage	Simulated Sine-wave at 120Vac +/- 10%		
On Battery Output Frequency	60Hz +/- 1%		
Transfer Time (Typical)	4ms		
Overload Protection	On Utility: Circuit Breaker; On Battery: Internal Current Limiting		
Surge Protection and Filtering			
Lightning / Surge Protection	Yes		
Internet Ready (DSL / Phone / FAX / Modem Protection)	RJ11/RJ45(One In/One Out)		
Physical			
Total # of UPS Receptacles	8		
Maximum Dimensions(cm)	2U Rack, 43.3x8.8x38.8		
Weight (Kg)	23.7	26	26
Battery			
Sealed Maintenance Free Lead Acid Battery	12Vdc 7AHx2x2	12Vdc 8AHx2x2	
Typical Recharge Time	8 Hours		
Warning Diagnostics			
Indicators	Power On, Using Battery, AVR, Wiring Fault, Load Level, Battery Level		
Audible Alarms	On Battery, Low Battery, Overload		
Environmental			
Operating Temperature	+ 32° to 95° (0°C to 35°C)		
Operating Relative Humidity	0 to 95% NON-CONDENSING		
Communication			
PowerPanel® Business Edition	Windows 98/ME/NT/2000/XP compatible		
Management			
Self-Test	Manual Self-Test		
Auto-Charger	Yes		
Auto-Restart	Yes		
USB	Yes		

CYBERPOWER GREENPOWER UPS TECHNOLOGY

Our new UPS circuit is designed to save energy operating in a GreenPower Bypass Mode.

A traditional UPS circuit with AVR provides normal output voltage through Relay and AVR transformer. The current travels first through the transformer conducting energy and generating heat. This heat creates energy dissipation resulting in a "Power Loss" and a loss of utility power and money.

CyberPower's GreenPower Circuit Design crated a solution to this "Power Loss." When the Utility Power is operating normally, our Green Power UPS works in a Bypass Mode. Our GreenPower design conducts power only through the Relay and still provides normal output voltage. By saving the "Power Loss" when the current travels through the transformer, it can effectively preserve energy and cost. When the power line (Utility Power) is abnormal, the UPS will operate under Battery or AVR Mode. Under this condition, Green Power UPS and a traditional UPS would operate about the same.

On average utility power operates normally 88% of the time and the CyberPower GreenPower Technology will work in its money/energy saving Bypass Mode.

Limited Warranty and Connected Equipment Guarantee

In purchasing a OR1500LCDRM2U/OR2200LCDRM2U/OR2201LCDRM2U in the United States or Canada, the original end user receives a Limited Warranty and Connected Equipment Guarantee from Cyber Power Systems (USA), Inc. (for ease of reading, referred to as "CyberPower"). The Limited Warranty and the Connected Equipment Guarantee are intended to be the original end-user's exclusive rights and remedies. The Limited Warranty and the Connected Equipment are separate, although they are related.

Limited Warranty: The original end user (referred to as the "Initial Customer") receives an express limited warranty (referred to as the "Limited Warranty") for the OR1500LCDRM2U/OR2200LCDRM2U/OR2201LCDRM2U purchased from CyberPower (referred to as the "Product"). The Limited Warranty is for the Product itself. The terms of the Limited Warranty are explained below.

Connected Equipment Guarantee: CyberPower also provides the Initial Customer with protection in the event that the Product is not free from defects in materials and workmanship, and certain equipment connected to the Product is damaged (the "Connected Equipment Guarantee"). The Connected Equipment Guarantee protects the Initial Customer for damage to equipment plugged into the Product. The terms of the Connected Equipment Guarantee are explained below.

The Limited Warranty and the Connected Equipment Guarantee are subject to the terms set forth below. Additionally, local law may adjust the terms of the Limited Warranty or the Connected Equipment Guarantee or may impose additional obligations, or additional "implied warranties." To the extent necessary to comply with those laws, the terms of the Limited Warranty and the Connected Equipment Guarantee should be read to adjust to those requirements only to the extent necessary to comply with such local law.

If you are an Initial Customer, you are asked to read the following terms and conditions carefully before using the Product. By using the Product you consent to be bound by and become a party to the Limited Warranty and Connected Equipment Guarantee. If you do not agree to the terms and conditions of the Limited Warranty and Connected Equipment Guarantee, you should return the Product for a full refund prior to using it.

REGISTRATION

CyberPower requests that you complete and return the Warranty Registration Card enclosed with the Product or register the Product at its website (www.cyberpowersystems.com) to establish that you are the Initial Customer of the Product, and therefore entitled coverage under the Limited Warranty and the Connected Equipment Guarantee. (Registration is not required for Limited Warranty coverage, but note if you do not complete a registration card you will be required to provide proof of purchase, as described below, to have the benefits of this Limited Warranty.)

LIMITED WARRANTY

CyberPower warrants to you, the Initial Purchaser, that the Product will be free from defects in material and workmanship for three years from the date of original purchase, subject to the terms of this Limited Warranty.

Any Implied Warranty of Merchantability or for Fitness for a Particular Purpose, if applicable to the Product, is limited in duration to the period of ownership by the Initial Customer. This provision shall NOT create any Implied Warranty or Merchantability or of Fitness for a Particular Purpose that would not otherwise apply to the Product. **NOTE: Some jurisdictions do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.**

To be covered you must still be the owner of the Product at the time of the failure that results in the claim made under this Limited Warranty.

Exclusive Remedies Under Limited Warranty.

Your exclusive remedy and CyberPower's sole obligations are as follows for the Product:

If (a) the CyberPower Product you purchased and still own is defective in material or workmanship under this Limited Warranty or any applicable warranty imposed by law, and (b) all Limited Warranty requirements have been met, CyberPower will repair or replace the product if it proves to be defective in material or workmanship during the Warranty Period.

Making a Limited Warranty Claim.

To make a Limited Warranty claim on a Product, you must do the following:

- Complete and return the CyberPower Warranty Registration Card, or provide reasonable proof of purchase (for example, a sales receipt) that establishes you as the Initial Customer (the original end-user consumer purchaser) of the Product and prove that the Product was purchased within three (3) years of the event for which you want to make a claim for warranty service.
- Call CyberPower at (952) 403-9500 or (877) 297-6937 (toll free), write to CyberPower at 5555 12th Ave. East, Suite 110, Shakopee, MN 55379, or e-mail CyberPower at claims@cyberpowersystems.com, within ten (10) days of the event for which you want to make a claim.
- When you contact CyberPower, identify the Product, the Purchase Date, and request Return Materials Authorization (RMA) information from CyberPower.
- Pack and ship the Product to CyberPower as instructed in your RMA. Show the RMA code on the shipping label or include it with the Product. You **MUST prepay all shipping costs and you are responsible for packaging and shipment.** CyberPower will inspect and examine the Product within ten (10) days of receipt. If the Product is not as warranted, CyberPower will repair or replace the Product and return it to you at CyberPower's expense, or, if CyberPower is unable to or decides not to repair or replace the Product (if defective) within a reasonable time, CyberPower will refund to you the full purchase price you paid for the Product (purchase receipt showing price paid is required).

CONNECTED EQUIPMENT GUARANTEE

If you are the Initial Purchaser and the Product is still covered by the Limited Warranty, the Connected Equipment Guarantee provides protection for damage to equipment connected to the Product ("Connected Equipment"), subject to certain terms and limitations.

The Connected Equipment Guarantee is not "first dollar" coverage. It is secondary. If you have any other source of payment for your loss, such as insurance, another warranty, or an extended warranty or purchase protection plan ("Primary Coverage"), CyberPower will pay only to the extent that the Primary Coverage does not cover the loss. CyberPower's obligation is reduced by any amounts that you are entitled to recover from the Primary Coverage, whether or not you make a claim for recovery under any applicable Primary Coverage.

The Limited Warranty does not cover Connected Equipment, but as is explained below, to be covered under the Connected Equipment Guarantee, the Connected Equipment must have been damaged due to a failure of the Product. The Connected Equipment must have been damaged due to a defect in materials or workmanship of the Product.

In the event of damage to the Connected Equipment, your exclusive remedies, and CyberPower's sole obligations, are as follows for Connected Equipment. If (a) the Product purchased and owned by you is defective in material or workmanship; (b) the Limited Warranty requirements have been met (except that the three year limitation of the Limited Warranty does not limit the Connected Equipment Guarantee, which is for the lifetime of the Product); and; (c) none of the limitations or exclusions on warranty coverage apply (or than the three year limit), CyberPower will (as CyberPower elects, as permitted by law), repair, replace, or pay the Agreed Damage Amount (defined below) for the item(s) of your electronic equipment directly and properly connected to the product (the "Connected Equipment") if that Connected Equipment is (x) damaged by AC power line transients, spikes, or surges on properly installed, grounded, and code-compliant 120 volt power lines in the United States and Canada, or by transients, surges or spikes on standard telephone equipment lines, or Base 10/10T Ethernet lines that are properly installed and connected (a "Power Disturbance") and (y) is directly plugged into and properly connected to a CyberPower Product in its original condition which is properly operating when a Power Disturbance passes through the CyberPower Product and (y 1) exhausts the protection capacity of the CyberPower Product or (y 2) damages the CyberPower Product. This provision sets out the only liability of any character of CyberPower for direct, indirect, special, consequential, and/or incidental damages under our Limited Warranty, applies only to Connected Equipment, and all such Liability is limited to the Agreed Damage Amount.

Making a Connected Equipment Guarantee Claim.

To make a Warranty claim for damage to Connected Equipment under the Connected Equipment Guarantee, you must do the following:

- Complete and return the CyberPower Warranty card or provide reasonable proof of purchase, for example, a sales receipt that establishes you as the original end-user consumer purchaser of the Product.
- Call CyberPower at (952) 403-9500 or (877) 297-6937 (toll free), write to CyberPower at 5555 12th Ave East, Suite 110, Shakopee, MN 55379, or e-mail CyberPower at claims@cyberpowersystems.com within ten (10) days of the date of the event for which you wish to make a claim for warranty service.
- When you contact CyberPower, identify the Product, the Purchase Date, and the item(s) of Connected Equipment. Have information on all applicable insurance or other resources of recovery/payment that are available to the Initial Customer and the name of the power utility supplier for the location of the Connected Equipment and Request a Claim Number.
- Pack and ship the product to CyberPower and, if requested, the item(s) of Connected Equipment, a repair cost estimate for the damage to the Connected Equipment, and all claim forms that CyberPower provides to you. Show the Claim Number on the shipping label or include it with the product. **Initial Customer shall prepay all shipping costs, must pay the cost of the repair estimate, and is responsible for packaging and shipment.**

CyberPower's Duties.

CyberPower will inspect and examine the Product and the item(s) of Connected Equipment (or at CyberPower's election, your written statement and repair cost estimate for those item(s)). You must return the product for inspection.

If the damage to Connected Equipment is covered by the Connected Equipment Guarantee, CyberPower will (in addition to Limited Warranty remedies for the CyberPower Product itself) repair (or pay the costs of repair) or replace the Connected Equipment or, at the option of CyberPower, as permitted by law, pay to the Initial Customer the "Agreed Damage Amount" (up to the aggregate limits stated below) for all item(s) of Initial Customer's Connected Equipment. The "Agreed Damage Amount" for all items of Initial Customer's Connected Equipment shall be the lesser of the amount determined under Clause (1) or (2) below, reduced by any amounts described in Clause (3) below:

- The fair market value of the Connected Equipment as established by the lower of (a) the price list of Orion Blue Book on the date of occurrence (or if such price list is no longer published, a published or announced price list reasonably selected by CyberPower), or (b) the average price the same or similar items are being sold for on E-bay, or (c) the lowest price the same or similar items can be purchased for in the United States; or
- The aggregate ceiling amount for all Connected Equipment: **CyberPower OR1500LCDRM2U - \$200,000; OR2200LCDRM2U - \$250,000; OR2201LCDRM2U - \$250,000**
- The amount(s) of all payment you have or are entitled to receive from insurance, other warranties, extended warranties, or from other sources or persons for the Connected Equipment or damage to such equipment so that CyberPower's maximum liability shall be reduced to reflect all such other payments or sources of recovery

If CyberPower replaces the connected equipment or pays to the Initial Customer the Agreed Damage Amount, the Initial Customer shall transfer ownership of all item(s) to CyberPower without warranty by the Initial Customer, but free of lien or other interest.

CONDITIONS COMMON TO THE LIMITED WARRANTY AND THE CONNECTED EQUIPMENT GUARANTEE

The Limited Warranty and the Connected Equipment Guarantee are the only and the exclusive express warranty of CyberPower with respect to the Product. This exclusion of other express warranties applies to written and oral express warranties.

LIMITATION: THE LIMITED WARRANTY AND THE CONNECTED EQUIPMENT GUARANTEE DOES NOT COVER

The Limited Warranty and the Connected Equipment Guarantee are intended to exclusive rights and remedies and replace any other rights, to the extent allowed by law.

- As to the CyberPower Product, the limited warranty does not cover or apply to: misuse, modification, operation or storage outside environmental limits for the Products, in transit, in shipment, or in storage, damage or deterioration, improper operation or maintenance, or use with items or equipment not designed or intended for use with the product.
- As to Connected Equipment, the Connected Equipment Guarantee covers only damage within the specific terms of the Connected Equipment Guarantee to Connected Equipment (and only up to the applicable aggregate ceiling amount).
- The Connected Equipment Guarantee does not cover coverage to Connected Equipment or apply if the Product has been operated in a failure mode or not in compliance with CyberPower operating instructions and manuals, or if the Connected Equipment has been operated in a failure mode or not in compliance with the instructions and manuals of its manufacturer/vendor.

The Limited Warranty and the Connected Equipment Guarantee Do not Apply Unless The Initial Customer:

- Has properly connected and the Connected Equipment to properly wired and grounded outlets, including compliance with electrical and safety codes of the most current electrical code (ANSI/NFPA 70), without the use of any adapters, extension cords or other connectors.
- Has provided a suitable and proper environment for use and installation of the Product and Connected Equipment.
- Has properly installed and operated the CyberPower Product and Connected equipment.
- Has operated the Product at all times within the limitations on the Product's VA capacity as stated in