



User's Manual

BATTERY PACK (BPL48V75ART2U)

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Introduction

Overview:

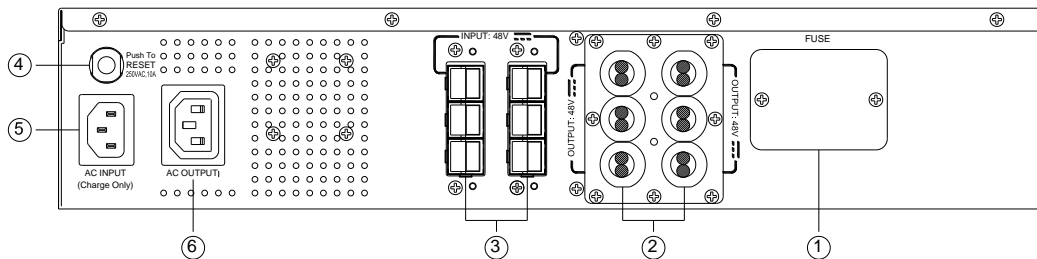
The CyberPower external battery pack (BPL48V75ART2U) supports 75A polarized plugs, and is designed for variety of CyberPower UPS systems. When combining with the UPS, the battery pack provides extended runtime with a 48V DC external connection. Additional parallel-connected battery packs provides the UPS for a longer extended runtime operation.

Unpacking:

(2) Rack mount brackets, (2) Skids, (2) Expansion pieces for mounting stabilizers (plastic stands for PR3000LCDRTXL2U/ PR3000ELCDRTXL2U UPS), (2) Metal plates to fasten 5U UPS, (2) Power cords, (1) Register card, (1) User's manual

Features include:

- Form Factor- 2U/ 5U configuration supports both rack and tower mounting.
- Metal Housing- Rigid metal construction provides greater durability and safety.



1. **On-board user-replaceable fuse cover-** User replaceable fuse is easily accessed from the rear panel.
2. **Additional Battery Pack connector sockets**
3. **Connector plug for additional Battery Packs**
4. **AC Circuit Protection-** Resettable circuit breaker that provides AC output overload protection.
5. **AC Input Inlet-** AC power connectivity to wall receptacle.
6. **AC Output Outlet-** This outlet connects to the AC Input Inlet of additional battery packs.

Basic Operation

Safety Precautions

CAUTION! Before connecting the Battery Pack(s) to the UPS, completely turn off and unplug the main UPS from the wall receptacle.

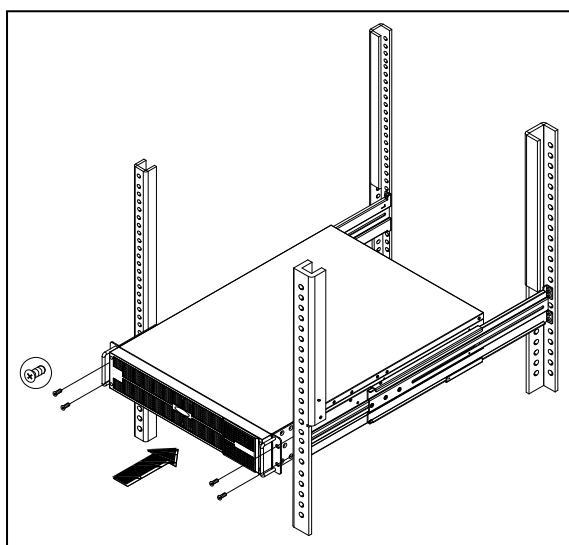
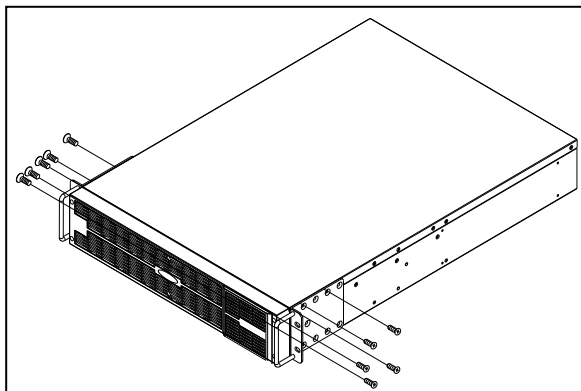
CAUTION! Do not disconnect the any Battery Packs when the UPS is turned on or plugged into a wall receptacle.

CAUTION! Do not connect the battery pack into itself.

Installation Guide

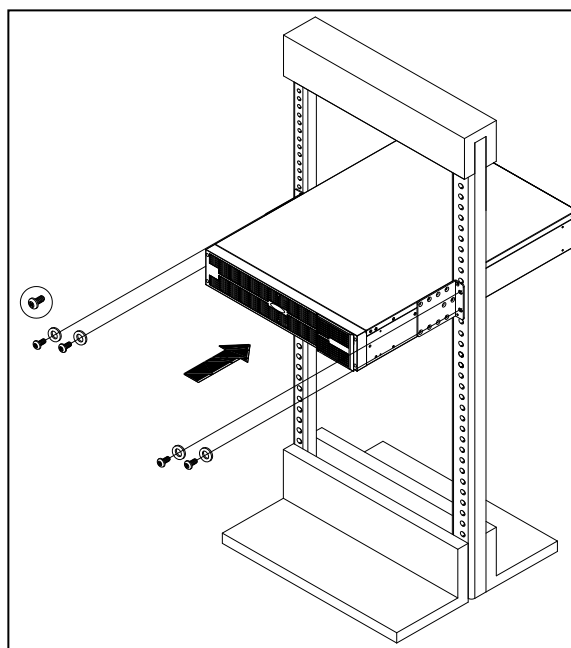
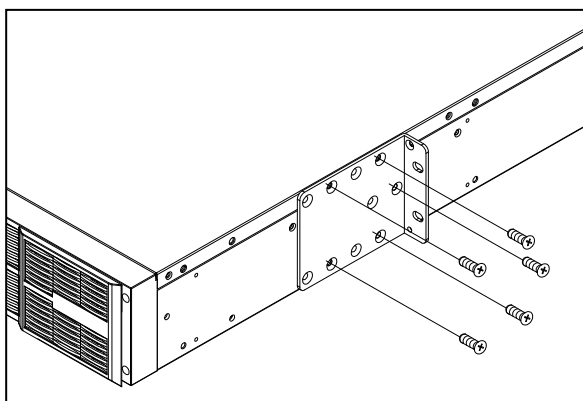
The battery pack is supplied with rack mounting rails, mounting ears, and all the hardware. Follow the below steps to complete the installation.

1. Attach the two Rack mount ears to Battery Pack using the provided screws.
2. Slide the UPS into the rack system.
3. Use screws to affix the mounting ears to the rack.



Install unit in a different rack

1. Change the direction of the Rack mount ears and attach to Battery Pack at different location.
2. Use screws to affix the mounting ears to the rack.



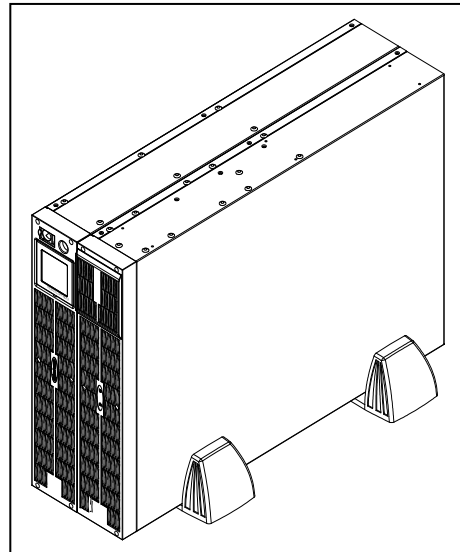
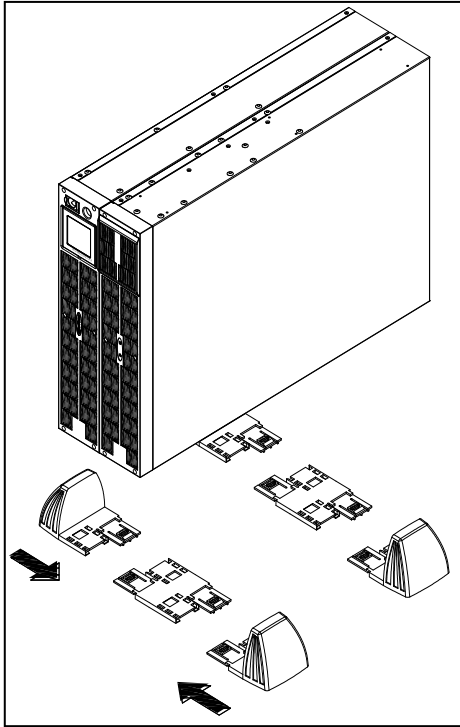
Tower Mounting with Battery Pack

Installation of Two types of stands

UPS models: PR3000LCDRTXL2U/PR3000ELCDRTXL2U with plastic stands

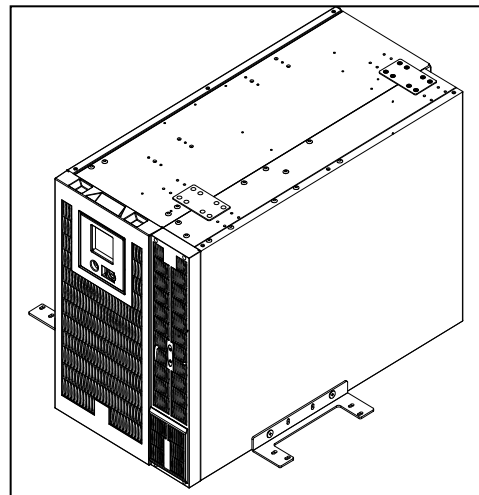
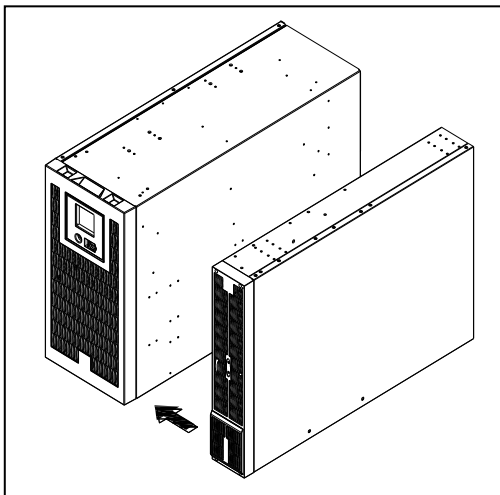
The vertical/tower installation procedures are stated below:

1. Stand the UPS and the battery pack.
2. Adjust the distance of stands to fix the UPS and the battery pack.
3. Insert the dust covers into the rack mount ear screw holes that are not being used.



UPS models: PR5000LCDRTXL5U/ PR6000LCDRTXL5U/ PR5000ELCDRTXL5U/
PR6000ELCDRTXL5U with metal stands

1. Stand the UPS and the battery pack(s).
2. Mounting two stabilizer brackets (supplied) to outside of UPS and battery pack(s).
3. Secure two metal plates (supplied) to the 5U UPS and battery packs(s) using the screws.
4. Insert the dust covers into the rack mount ear screw holes that are not being used.

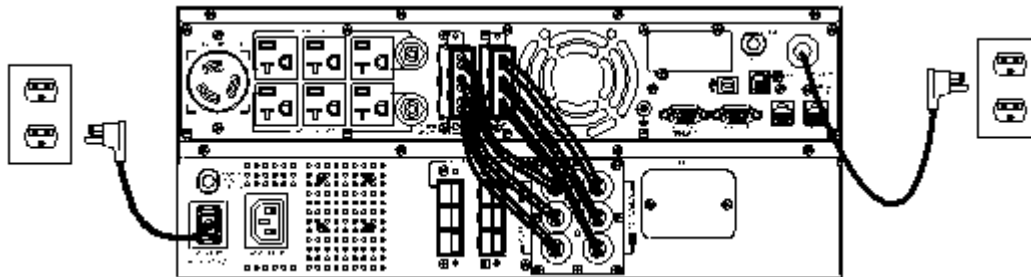


Electrical Installation Guide

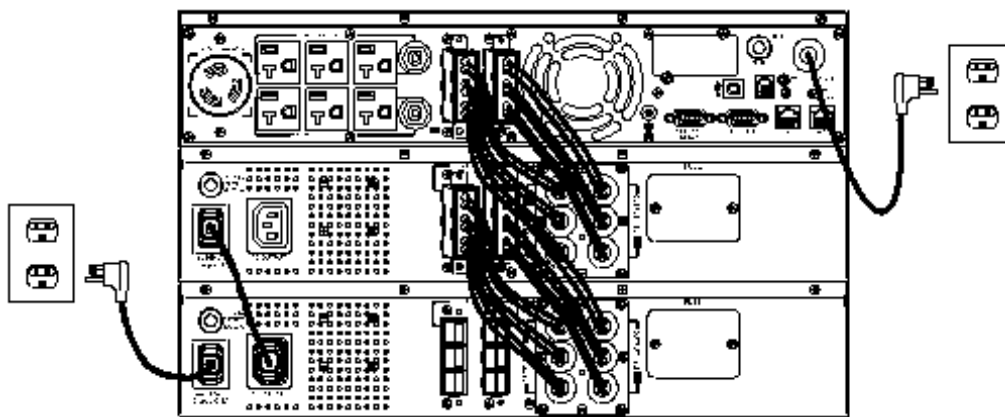
CAUTION: It is necessary to put **two plugs** into the corresponding sockets to avoid the fire risk of over-current.

Step 1: Connect the Battery Pack to the UPS.

One Battery Pack



Multiple Battery Packs



Step 2: Connect the Battery Pack to wall power and connect the AC Input Inlet to the other battery pack's AC Output Outlet.

*For battery run time table information, visit www.CPSww.com or contact 877-297-6937.

Trouble Shooting

Problem	Possible Cause	Solution	
The UPS LCD does not perform expected runtime.	Do not set the UPS to recognize the battery pack(s).	By pressing the display toggle to select functions. Then, set up the correct battery pack numbers. The default setting is 0.	
The battery pack does not work.	Batteries are not fully charged.	Allow the battery pack to charge for 24 hours. Do not expect full runtime during this initial charge period. Specified battery pack models can use AC to shorten charge time.	
	The status of circuit breaker is off.	Switch on the circuit breaker.	
	The fuse blew.		Contact CyberPower Systems.
			Open the cover on the rear panel and replace the new fuse.

Technical Specifications

Model	BPL48V75ART2U
AC Input Voltage	100-240V
DC Input Voltage	48V
Amperage	120A
Physical	
Dimensions (in)	2U Rack, 17"x23.6"x3.5"
Weight (lbs)	96
AC Connections	
AC Inlet type	IEC C14
AC Outlet type	IEC C13
Overload Protection	AC output circuit breaker
Battery	
Sealed Maintenance Free Lead Acid Battery	12V/9.0AHX12
Interface	PP75
Recharge Time	Typically 5 hours
Built-in Charger	Yes
Environmental	
Operating Temperature	32°F to 104°F (0°C to 40°C)
Operating Relative Humidity	0 to 95%
Safety Approvals	
Certifications	FCC Class A certified, cUL, UL1778, CE
RoHS	RoHS Compliant
Warranty	
3 year limited warranty, Free Tech Support	

Customer Service

If the battery pack requests further service, please refer to the following information:

1. Call us at (877) 297-6937 or write to us at CyberPower Systems (USA), Inc., 4241 12th Ave. E., STE 400, Shakopee, MN 55379 or send us an e-mail message at sales@cpsww.com for instructions.
2. 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 Request a Claim Number.
3. You must provide a dated Proof-of-Purchase receipt (or other proof of the original purchase) and provide a description of the defect.
4. 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.
You must prepay all shipping costs, you are responsible for packaging and shipment, and you must pay the cost of the repair estimate.

Product Registration

CyberPower requests that you complete and return the Warranty Registration Card enclosed with the Product or register the Product at its website (www.cpsww.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 coverage, but note: if you do not register your purchase, you will be required to provide proof of purchase.)

LIMITED WARRANTY AND CONNECTED EQUIPMENT GUARANTEE

Read the following terms and conditions carefully before using the CyberPower BPL48V75ART2U (the "Product"). By using the Product you consent to be bound by and become a party to the terms and conditions of this Limited Warranty and Connected Equipment Guarantee (together referred to as this "Warranty"). If you do not agree to the terms and conditions of this Warranty, you should return the Product for a full refund prior to using it.

Who Is Providing This Warranty?

CyberPower Systems (USA), Inc. ("CyberPower") provides this Limited Warranty.

What Does This Warranty Cover?

This warranty covers defects in materials and workmanship in the Product under normal use and conditions. It also covers equipment that was connected to the Product and damaged because of the failure of the Product.

What Is The Period of Coverage?

This warranty covers the Product for three years and connected equipment for as long as you own the Product.

Who Is Covered?

This warranty only covers the original purchaser. Coverage ends if you sell or otherwise transfer the Product.

How Do You Get Service?

1. Call us at (877) 297-6937 or write to us at Cyber Power Systems (USA), Inc., 4241 12th Ave. E., STE 400, Shakopee, MN 55379 or send us an e-mail message at claims@cpsww.com for instructions.
2. 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 Request a Claim Number.
3. You must provide a dated Proof-of-Purchase receipt (or other proof of the original purchase) and provide a description of the defect.
4. Pack and ship the product with a dated Proof- of-Purchase receipt 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. You must prepay all shipping costs, you are responsible for packaging and shipment, and you must pay the cost of the repair estimate.

How Long Do I Have To Make A Claim?

All claims must be made within ten days of the occurrence.

What Will We Do To Correct Problems?

CyberPower will inspect and examine the Product.

If the Product is defective in material or workmanship, CyberPower will repair or replace it 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).

If it appears that our Product failed to protect any equipment plugged into it, we will also send you forms for making your claim for the connected equipment. We will repair or replace the equipment that was damaged because of the failure of our Product or pay you the fair market value (NOT REPLACEMENT COST) of the equipment at of the time of the damage. We will use Orion Blue Book, or another a third-party valuation guide, or eBay, craigslist, or other source to establish that amount. Our maximum liability is limited to \$400,000 for BPL48V75ART2U.

Who Pays For Shipping?

We pay when we send items to you; you pay when you send items to us.

What Are Some Things This Warranty Does Not Cover?

1. This Warranty does not cover any software that was damaged or needs to be replaced due to the failure of the Product or any data that is lost as a result of the failure or the restoration of data or records, or the reinstallation of software.
2. This Warranty does not cover or apply to: misuse, modification, operation or storage outside environmental limits of the Product or the equipment connected to it, nor for damage while in transit or in storage, nor if there has been improper operation or maintenance, or use with items not designed or intended for use with the Product, such as laser printers, appliances, aquariums, medical or life support devices, etc.

What Other Limitations Apply?

1. This Warranty does not apply unless the Product and the equipment that was connected to it were connected to properly wired and grounded outlets (including compliance with electrical and safety codes of the most current electrical code), without the use of any adapters or other connectors.
2. The Product must have been plugged directly into the power source and the equipment connected to the Product must be directly connected to the Product and not "daisy-chained" together in serial fashion with any extension cords, another Product or device similar to the Product, surge suppressor, or power tap. Any such installation voids the Limited Warranty.
3. The Product and equipment connected to it must have been used properly in a suitable and proper environment and in conformance with any license, instruction manual, or warnings provided with the Product and the equipment connected to it.
4. The Product must have been used at all times within the limitations on the Product's VA

capacity.

What Are the Limitations?

The sole and exclusive remedies of the Initial Customer are those provided by this Warranty. The Product was designed to eliminate disrupting and damaging effects of momentary (less than 1ms) voltage spikes or impulses from lightning or other power transients. If it can be shown that a voltage spike lasting longer than 1ms has occurred, the occurrence will be deemed outside the rated capabilities of the Product and the Limited Warranty is void. CyberPower Does Not Cover or Undertake Any Liability in Any Event for Any of the Following:

1. Loss of or damage to data, records, or software or the restoration of data or records, or the reinstallation of software.
2. Damage from causes other than AC Power Line Transients, spikes, or surges on properly installed, grounded and code-compliant 120 volt power lines in the United States and Canada; transients, surges or spikes on standard telephone land lines, PBX telephone equipment lines or Base 10T Ethernet lines, when properly installed and connected. (This exclusion applies, for example, to fluctuations in data transmission or reception, by CATV or RF transmission or fluctuations, or by transients in such transmission.)
3. Damage from any circumstance described as excluded above with respect to the Product.
4. Damages from fire, flood, wind, rain, rising water, leakage or breakage of plumbing, abuse, misuse or alteration of either the product or the Connected Equipment.
5. CyberPower excludes any liability for personal injury under the Limited Warranty and Connected Equipment Guarantee. CyberPower excludes any liability for direct, indirect, special, incidental or consequential damages, whether for damage to or loss of property [EXCEPT FOR (AND ONLY FOR) the specific limited agreement of CyberPower to provide certain warranty benefits regarding "Connected Equipment" under this Warranty], loss of profits, business interruption, or loss of information or data. NOTE: Some States or Provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you.
6. The Product is not for use in high-risk activities or with aquariums. The Product is not designed or intended for use in hazardous environments requiring fail-safe performance, or for use in any circumstance in which the failure of the Product could lead directly to death, personal injury, or severe physical or property damage, or that would affect operation or safety of any medical or life support device (collectively, "High Risk Activities"). CyberPower expressly disclaims any express or implied warranty of fitness for High Risk Activities or with aquariums. CyberPower does not authorize use of any Product in any High Risk Activities or with Aquariums. ANY SUCH USE IS IMPROPER AND IS A MISUSE OF THE PRODUCT.

What Is the Fine Print?

The application of the United Nations Convention of Contracts for the International Sale of Goods is expressly excluded.

CyberPower is the warrantor under this Limited Warranty.

For further information please feel free to contact CyberPower at CyberPower Systems (USA), Inc. 4241 12th Ave E., STE 400, Shakopee, MN 55379; call us at (877) 297-6937; or send us an e-mail message at claims@cpsww.com.

Conformance Approvals



FCC Notice

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 that may cause undesired operation.

WARNING!! This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense. Shielded signal cables must be used with this product to ensure compliance with the Class A FCC limits.

The Class A digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulation.
Cet appareil numérique de la class A respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

This document is believed to be accurate, but CyberPower reserves the right to change or correct the contents and does not assume any responsibility for omissions or errors.

Need Additional Help?

Feel free to contact our Tech Support department with installation, troubleshooting, or general product questions.

CyberPower Technical Support
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