



## **USER MANUAL**

**BM INTELLIGENT LCD UPS**

**BM1500AVRLCD | BM1350AVRLCD  
BM1000AVRLCD | BM850AVRLCD**

**[www.bxterra.com](http://www.bxterra.com)**

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## WARRANTY & REGISTRATION

This bXterra product is constructed to provide unmatched power protection, quality and performance for the duration of its lifetime. Please take a few minutes to register your product at [www.bXterra.com/registration](http://www.bXterra.com/registration). Registration certifies your product's warranty, confirms your ownership in the event of a product loss or theft and entitles you to free technical support. Please register your product now to receive the benefits of bXterra ownership.

## SAFETY INSTRUCTIONS

**SAVE THESE INSTRUCTIONS:** This manual contains important instructions that should be followed during installation and maintenance of the UPS and its batteries.

1. This unit is intended for installation in a controlled environment (a temperature-controlled and indoor area free of conductive contaminants). Please avoid installing the UPS in locations where there is standing or running water, dust, direct sunlight or excessive humidity.
2. This UPS utilizes voltage that may be hazardous. Do not attempt to disassemble the unit. The unit contains no user-replaceable parts inside the UPS, except for the battery. Only factory service personnel may perform repairs.
3. Connect your UPS directly to a properly-grounded AC power outlet with fuse or circuit breaker protection. Do not plug the unit into an outlet that is not grounded. Turn off and unplug the unit if you need to de-energize it.
4. Not for use in a computer room as defined in the Standard for the Protection of Electronic Computer/Data Processing Equipment, ANSI/NFPA 75.
5. To reduce the risk of fire, connect only to a circuit provided with 20 amperes maximum branch circuit overcurrent protection in accordance with the National Electric Code, ANSI/NFPA 70.
6. For best performance, keep the indoor temperature around the unit between 32° F and 104° F (0° C and 40° C).
7. Do not attach medical equipment or non-computer related items, such as life-support equipment, microwave ovens, or vacuum cleaners to the UPS. bXterra does not sell equipment meant for life-support or medical applications. Visit our website for more information about devices appropriate to plug into this UPS.
8. Only stand or set up the UPS in the direction specified in the Installation and Operation section of this manual. Do not block fans and leave adequate space around all sides of the UPS for proper ventilation. Do not expose the unit to direct sunlight and do not install the unit near heat-emitting appliances such as a space heater or furnace. This could negatively impact the unit's internal cooling system and cause product damage not covered under warranty.
9. Do not plug the UPS input into its own output. Do not attach a power strip or surge protector to the UPS.
10. Do not modify the UPS's plug and do not use an adapter that would eliminate the UPS's ground connection.
11. Do not use extension cords to connect the UPS to an AC outlet.

## SAFETY INSTRUCTIONS CONTINUED

12. If the UPS receives power from a motor-powered AC generator, the generator must provide clean, filtered, computer-grade output. Consult your generator's manual to see if it meets these specifications.
13. The main power outlet that supplies the UPS should be easily accessible and near the UPS.
14. To reduce the risk of fire or electric shock, do not use the unit on any transportation such as airplanes or ships. The effect of shock or vibration caused during transit and the damp environment can cause the unit to short out.

### BATTERY WARNINGS:

Batteries can carry a risk of electric shock and burn from high short-circuit current. There are no user-serviceable parts inside the UPS except for the battery.

- Do not open the UPS except to perform battery replacement.
- Do not open batteries.
- Do not short or bridge the battery terminals with any object.
- Unplug and turn off the UPS before performing battery replacement.
- Use tools with insulated handles.

Battery replacement should be performed following all safety precautions and using the same number and type of batteries (sealed lead-acid).

Do not dispose of batteries in a fire. Please recycle your batteries. Refer to local regulations for disposal requirements or if you are in the USA please call 1-877-723-1297 or visit [www.call2recycle.org](http://www.call2recycle.org) for more information about recycling your batteries.

## INSTALLATION & OPERATION

### INTRODUCTION

Thank for choosing a bXterra Uninterruptible Power Supply. This UPS system is Energy Star® certified and uses our GreenTech™ Bypass Design to consume less power, reduce heat and improve UPS operation.

### INSPECTION

Inspect your UPS upon purchase. The following items should be inside:

- UPS system
- User manual
- USB A+B cable

Remove the UPS from its package and inspect it for damage that may have occurred during shipping. If any damage is discovered, re-pack the unit and return it to the place of purchase.

### OVERVIEW

The BM850AVRLCD/BM1000AVRLCD/BM1350AVRLCD/BM1500AVRLCD provides protection from utility power that may

not always be safe for your devices. The BM850AVRLCD/BM1000AVRLCD feature 1,080 Joules and the BM1350/1500AVRLCD feature 1,500 Joules of surge protection. This UPS provides battery backup during power disruptions using maintenance-free batteries. Each model of UPS ensures consistent power to your computer or other critical devices and includes access to software that allows you to monitor the UPS from a personal computer.

### AUTOMATIC VOLTAGE REGULATOR

The BM850AVRLCD/BM1000AVRLCD/BM1350AVRLCD/BM1500AVRLCD adjusts inconsistent utility power voltage to normal levels that are safe for your equipment. The Automatic Voltage Regulation(AVR) feature of this device can take erratic incoming utility power and correct it to safe levels. AVR automatically increases utility power that is too low or decreases utility power that is too high to a consistent 110 or 120 volts.

## INSTALLATION & OPERATION

### CONNECT TO UTILITY POWER

Make sure the UPS is stood up vertically on a flat surface. Connect the AC power cord to 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 also provide power to service equipment demanding large amounts of power (e.g. air conditioner, copier, etc.). The UPS will start to charge its internal battery. The UPS will not turn on automatically when plugged in. For best results, charge the battery for eight hours prior to initial use.

### DETERMINE THE POWER REQUIREMENTS OF YOUR EQUIPMENT

1. To determine the power requirements of your equipment, ensure that the equipment plugged into the outlet does not exceed the UPS's rated capacity. If the rated capacity of the unit is exceeded, the UPS may overload and shut down or the circuit breaker may trip.
2. There are many factors that can affect the amount of power that your equipment will require. We suggest that the load placed on the battery outlets not exceed 80% of the UPS's capacity.

### PLUG IN EQUIPMENT

**Note:** Before plugging in equipment, make sure the UPS is turned off and unplugged. Do not plug a laser printer, paper shredder, copier, space heater, vacuum cleaner, sump pump or other large electrical device into the UPS. The power requirements of these devices will overload and possibly damage the UPS.

### Battery Backup Outlets

With the UPS turned off and unplugged, connect equipment requiring battery backup to the "Battery Backup" outlets. These outlets provide battery backup, EMI filtering, line conditioning, and surge protection. Battery power is automatically provided in case of power failure.

### Surge Protected Outlets

Connect other devices requiring surge protection to the "Surge Protected" outlets. These outlets do not provide power during power failure.

### Connect Modem/Phone Line

This UPS protects a single line (1 in/1 out) phone, modem, or fax machine from surges. To protect a fax machine, phone or modem, connect a telephone or network cable from the wall jack outlet to the IN jack of the UPS. Connect a telephone cable or network cable from the OUT jack of the UPS to a fax machine, telephone, modem or network device.

### TURN THE UPS ON

To turn on the UPS unit, press the power switch for at least two seconds. The LCD display will light up. If an overload is detected, the UPS alarm will go off and the unit will beep continuously every 0.5 seconds. To fix this, turn the UPS off and unplug at least one piece of equipment from the battery-power supplied outlets. Make sure the Circuit Breaker button is depressed and turn the UPS on again. For optimal battery charge, always leave the UPS plugged into the AC outlet. To turn off the UPS unit, press the power switch again. The LCD display will turn off.

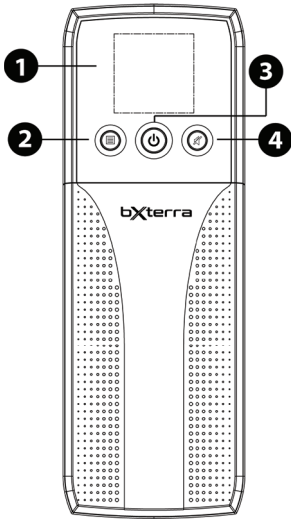
### INSTALL SOFTWARE

Connect one end of the USB cable to a PC and the other end to the USB port at the rear of the UPS. Download the latest version of PowerFrame™ software from [www.bxterra.com](http://www.bxterra.com) to your hard drive. Follow on-screen instructions to complete the software installation.

### DEVICE STORAGE

To store the UPS for an extended period, cover the unit and fully charge the battery before disconnecting from AC power. While in storage, recharge the battery every three months to prolong optimal battery life.

# PRODUCT OVERVIEW



## 2. Select button

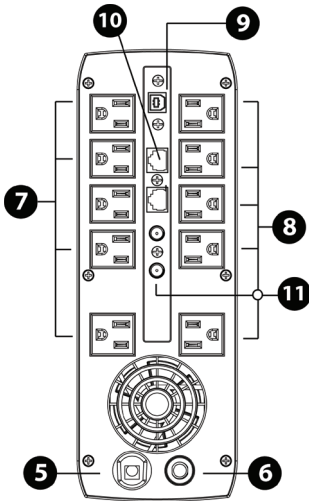
Use this to cycle through messages and options on the LCD display.

## 3. Power button

Used as the master on/off switch for the UPS as well as for equipment connected to the battery power supplied outlets.

## 4. Mute button

Hold this button for one second to place the unit in silent mode or silence the alarm.



## 5. AC input

Connect the main power cord of the UPS here.

## 6. Circuit breaker

This breaker provides overload and fault protection. If it trips, remove some of the load then reset it by pressing it in.

## 7. Surge protected outlets

These outlets protect connected equipment in case of a power surge.

## 8. Battery-backup outlets

These outlets provide battery backup power to connected devices.

## 9. USB port

This port can connect the UPS to any computer to install the UPS-monitoring software, PowerFrame™. Instructions for this procedure can be found in the Installation and Operation section of this manual.

## 10. Modem/phone/network surge protection

These ports protect equipment from surges over a single phone line or network connection.

## 11. Coax surge protection

These ports protect equipment from surges over a coaxial line.

1. LCD display (Please check LCD section for details) This display shows modes and operating conditions from the UPS, as well as error messages.

## BATTERY REPLACEMENT

When changing the battery, be sure to install the same number and same type of battery.

Do not attempt to dispose of batteries by burning them. This could cause an explosion.

Do not open or destroy batteries. Escaping chemicals can cause injury to the skin and eyes. It may be toxic.

Batteries may cause electric shock and have a high short-circuit current. Please take the precautionary measures specified below and any other measures necessary when working with batteries:

- 1) Remove wristwatches, rings and other metal objects
- 2) Use only tools with insulated grips and handles
- 3) Wear rubber gloves and boots
- 4) Do not lay tools or metal parts on top of batteries

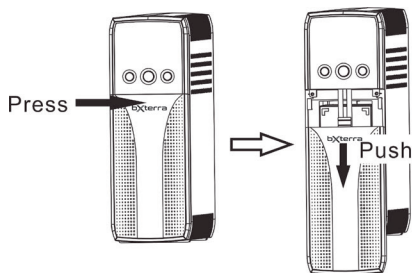
- 5) Disconnect power cable of UPS from wall prior to installing or maintaining the battery
- 6) Remove battery grounds during installation and maintenance to reduce likelihood of shock

Internal battery voltage is 12VDC. It is a sealed, lead-acid, 6-cell battery.

Servicing of batteries should be performed or supervised by personnel knowledgeable of batteries and the required precautions. Keep unauthorized personnel away from batteries.

This UPS can be hazardous due to electric shock. When disconnecting this UPS from power, hazardous voltage may still be flowing through the battery. The battery supply should be disconnected from the positive and negative terminals of the battery before maintenance inside the UPS is performed. There are no user-serviceable parts inside this UPS except for the battery.

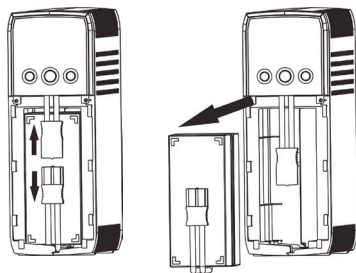
## BATTERY REPLACEMENT PROCEDURE:



Turn off and unplug all connected equipment.

Turn the UPS off and unplug it from the AC power source.

*REMINDER: Batteries are considered hazardous waste and must be disposed of properly. bXterra asks to please find a local retailer or hazardous waste disposal location where you can properly recycle your used battery.*






















Press and slide the battery compartment cover completely off the unit.

Disconnect the battery wires and remove the battery.

Replace with a battery that matches the specifications of the original battery.

Recharge the UPS for 8-16 hours to fully charge the battery.

# LCD DISPLAY

MODE	DISPLAY	DESCRIPTION	MODE	DISPLAY	DESCRIPTION
Turning on the UPS		When the UPS starts up, all icons will illuminate for 3 seconds.	Battery Mode		Alarm will beep every 10 seconds and LCD information will be displayed in the following order when pressing  button.
Standby Mode		Display will show the input voltage.		<ol style="list-style-type: none"> <li>1. Estimated backup time</li> <li>2. Output voltage</li> <li>3. Output frequency</li> <li>4. Input voltage</li> <li>5. Input frequency</li> <li>6. Output power in W</li> <li>7. Output power in VA</li> </ol>	
Site wiring fault in Standby Mode		 indicator will show.  indicator will flash.	AC Mode		If  is pressed, alarm will be muted and  icon will show.
When AVR is functioning, icon will flash every second.	Press  button to switch displayed information.	<ol style="list-style-type: none"> <li>1. Output voltage</li> <li>2. Output frequency</li> <li>3. Input voltage</li> <li>4. Input frequency</li> <li>5. Output power in W</li> <li>6. Output power in VA</li> <li>7. Estimated backup time</li> </ol>		When battery level is low,  icon will flash.	The alarm will beep every second and cannot be muted.
Overload in AC Mode		When an overload occurs, the alarm will beep every 0.5 seconds.  icon will flash	Overload in Battery Mode		When an overload occurs, the alarm will beep every 0.5 seconds.
Site wiring fault in AC mode Wire Fault		 indicator will show.  indicator will flash.	 icon will flash		

## FAULT CODES

Output Short  
Circuited



Disconnect all loads short-circuited and restart the UPS.

Overcharge



Call for service immediately.

Overload Fault



Turn off the UPS. Disconnect all loads and restart the UPS. Plug in equipment one at a time and make sure not to exceed the UPS rating for load capacity.

Low Battery  
Fault



Charge the UPS for at least 12 hours or replace the battery.

Inverter/Output  
failure



Call for service immediately.

## TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION
Nothing is displayed on the LCD panel	The UPS is not on	Press the power button to turn the UPS on
	The battery voltage is too low	Charge the battery for at least 6 hours
	The battery is faulty	Replace the battery
The UPS is always on Battery Mode	The power cord is loose	Check that the power cord is plugged in properly
The UPS beeps continuously	Please check the LED indicator table on Page 5 for details	
Battery backup time is too short	The battery voltage is too low	Charge the battery for at least 6 hours
	There is an overload	Unplug some noncritical devices. Please verify that the load matches the UPS capabilities.
	The battery is defective	Contact support@bxterra.com for assistance
The circuit breaker button is projecting from the back of the unit	The circuit breaker has tripped from an overload	Turn the UPS off and unplug one piece of equipment. Wait 10 seconds, reset the circuit breaker then turn the UPS on again.

If any abnormal situations occur that are not listed above, please contact bXterra support for help.

# TECHNICAL SPECIFICATIONS

MODEL	BM1500AVRLCD	BM1350AVRLCD	BM1000AVRLCD	BM850AVRLCD
Topology	Line Interactive			
<b>INPUT</b>				
Voltage	120V			
Frequency Range	50/60 Hz $\pm$ 5 Hz (auto-sensing)			
Input Voltage Range	86 - 140 V			
Plug Type	NEMA 5-15P			
Plug Style	Right Angle, 45° Offset			
Power Cord	6 ft			
<b>OUTPUT</b>				
VA/W	1500VA/900W	1350VA/810W	1000VA/600W	850VA/480W
Automatic Voltage Regulation	Boost +15%			
On Battery Voltage	120 VAC $\pm$ 5%			
On Battery Frequency	50/60 Hz $\pm$ 1 Hz			
On Battery Waveform	Simulated Sine Wave			
Outlet Type	NEMA 5-15R			
Outlets - Total	10			
Battery & Surge	5			
Surge-Only	5			
Overload Protection	Internal Circuitry Limiting/Circuit Breaker			
Transfer Time	4ms Typical			
<b>BATTERY</b>				
Runtime at Half Load (min)	11	11	7	9
Runtime at Full Load (min)	3	3	2	2
Circuit Breaker	15A 125/250 VAC			
Battery Type	Leakproof Sealed Lead-Acid			
Battery Size	12V/9AH			
Battery Quantity	2	2	1	1
Battery Model	DJW12-9.0/MS9-12			
User Replaceable	Yes			
Recharge Time	6-8 hours			
<b>SURGE PROTECTION &amp; FILTERING</b>				
Surge Suppression	1,500 Joules		1080 Joules	
Phone RJ11/ Ethernet RJ45	RJ45 10/100 Base-T Ethernet protection			
Coax Protection RG6	1-In, 1-Out			
EMI/RFI Filtration	Yes			

MODEL	BM1500AVRLCD	BM1350AVRLCD	BM1000AVRLCD	BM850AVRLCD
<b>MANAGEMENT &amp; COMMUNICATIONS</b>				
Multifunction LCD Panel	Input/Output Voltage, Input/Output Frequency, Load Level, Battery Capacity, Estimated Remaining Runtime, Site Wiring Fault, Other Device Faults, Mute			
HID Compliant USB Port	Yes			
Management Cable	USB Cable			
Audible Alarms	On Battery, Low Battery, Overload, Fault			
Software	PowerFrame™ Personal UPS management software			
<b>PHYSICAL</b>				
Form Factor	Mini-Tower			
Dimensions (in)	3.9 x 11 x 16.2		3.9 x 11 x 11.3	
Weight (lbs)	26.4 lbs	25.52 lbs	18.7 lbs	17.16 lbs
<b>CERTIFICATIONS</b>				
Safety	cTUV us (UL1778 Standard & CSA), FCC Part 15 Class B, ENERGY STAR® Certified			
Environmental	RoHS Compliant			
<b>WARRANTY</b>				
Product Warranty	3 Year Limited			
Directly Connected Equipment Guarantee	\$400,000	\$400,000	\$300,000	\$300,000

*Product specifications are subject to change without prior notice*

## CERTIFICATIONS

### FCC COMPLIANCE

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to 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 in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in an 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 receiver
- Connect the equipment to an outlet on a different circuit than the one to which the receiver is connected
- Consult an experienced radio/TV technician for help

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



RoHS

### GreenTech™ UPS BYPASS DESIGN

A high-efficiency UPS can reduce your environmental impact and save you money. By implementing leading-edge components and design, the bXterra line of GreenTech™ UPS systems strive to deliver better operating performance while reducing cost of operation. The technology inside a bXterra UPS allows current to bypass the transformer and automatic voltage regulation (AVR) when utility power is running normally, reducing energy consumption.

### RoHS DIRECTIVE

We at bXterra want you to know that you're not only protecting your devices and equipment when purchasing a bXterra product, but you're protecting the environment as well. Aside from being Energy Star® compliant, we are committed to and supporters of the Restriction of Hazardous Substances (RoHS) directive, which strictly limits the use of six hazardous substances (lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBBs) and polybrominated diphenyl ether (PBDE)) in electrical equipment.

## WARRANTY INFORMATION

Your bXterra product comes with a Limited 3-Year Warranty. bXterra warrants this product, if used appropriately and in full accordance with all applicable instructions, to be free from original defects in material and workmanship for 3 years from the date of initial purchase. If the product can be proven defective in material or workmanship during that 3-year period, bXterra will, subject to the full terms and limitations of the product's Limited Warranty available on our website, repair or replace that product. bXterra will act on its own discretion as the sole remedy for bXterra's breach of its Limited Warranty. Full details of this Limited Warranty and bXterra's Directly Connected Equipment Guarantee can be found on our website at [www.bxterra.com/warranty](http://www.bxterra.com/warranty) or at the individual product's page on our website. Please register your product at [www.bxterra.com/](http://www.bxterra.com/) registration to certify your product's warranty.

## Technical Support

Contact bXterra technical support for installation support, troubleshooting or general questions by emailing us at [support@bxterra.com](mailto:support@bxterra.com) or visit our website at [bxterra.com](http://bxterra.com).

## CONSIGNES DE SÉCURITÉ

**CONSERVEZ CES INSTRUCTIONS:** Ce manuel contient des instructions importantes à suivre lors de l'installation et de la maintenance de l'onduleur et de ses batteries.

1. Cette unité est destinée à être installée dans un environnement contrôlé (zone à température contrôlée et à l'intérieur exempté de contaminants conducteurs). Veuillez éviter d'installer l'onduleur dans des endroits où il y a de l'eau stagnante ou courante, de la poussière, de la lumière directe du soleil ou une humidité excessive.

2. Cet onduleur utilise une tension qui peut être dangereuse. N'essayez pas de démonter l'unité. L'unité ne contient aucune pièce remplaçable par l'utilisateur à l'intérieur de l'UPS, à l'exception de la batterie. Seul le personnel d'entretien de l'usine peut effectuer des réparations.

3. Connectez votre onduleur directement à une prise secteur correctement mise à la terre avec un fusible ou une protection de disjoncteur. Ne branchez pas l'appareil dans une prise qui n'est pas mise à la terre. Éteignez et débranchez l'appareil si vous devez le mettre hors tension.

4. Ne pas utiliser dans une salle informatique telle que définie dans la norme ANSI / NFPA 75 relative à la protection des équipements informatiques / de traitement de l'information.

5. Pour réduire le risque d'incendie, raccorder uniquement à un circuit muni d'une protection de surintensité de circuit de dérivation maximale de 20 ampères, conformément au Code national de l'électricité, ANSI / NFPA 70.

6. Pour de meilleures performances, maintenez la température intérieure autour de l'appareil entre 0 ° C et 40 ° C (32 ° F et 104 ° F).

7. Ne fixez pas d'équipement médical ou d'articles non liés à l'ordinateur, tels que des équipements de survie, des fours à micro-ondes ou des aspirateurs à l'UPS. bXterra ne vend pas d'équipements destinés à des applications médicales ou de survie. Visitez notre site Web pour plus d'informations sur les appareils appropriés pour se connecter à cet onduleur.

8. Placez ou installez l'onduleur uniquement dans la direction spécifiée dans la section Installation et fonctionnellement de ce manuel. Ne bloquez pas les ventilateurs et laissez suffisamment d'espace autour de tous

les côtés de l'onduleur pour assurer une ventilation adéquate. N'exposez pas l'appareil à la lumière directe du soleil et n'installez pas l'appareil à proximité d'appareils émettant de la chaleur, tels qu'un radiateur ou une fournaise. Cela pourrait avoir un impact négatif sur le système de refroidissement interne de l'unité et causer des dommages au produit non couverts par la garantie.

9. Ne branchez pas l'entrée de l'ASI dans sa propre sortie. Ne fixez pas une barrette d'alimentation ou un parasurtenseur à l'onduleur.

10. Ne modifiez pas la fiche de l'onduleur et n'utilisez pas d'adaptateur qui éliminerait la connexion à la terre de l'onduleur.

11. N'utilisez pas de rallonges pour connecter l'onduleur à une prise secteur.

12. Si l'onduleur est alimenté par une génératrice à courant alternatif, le générateur doit fournir une sortie propre, filtrée et de qualité informatique. Consultez le manuel de votre générateur pour voir s'il répond à ces spécifications.

13. La prise d'alimentation principale qui alimente l'onduleur doit être facilement accessible et proche de l'onduleur.

14. Pour réduire le risque d'incendie ou d'électrocution, n'utilisez pas l'appareil sur des moyens de transport tels que des avions ou des navires. L'effet de choc ou de vibration causé pendant le transport et dans l'environnement humide peut entraîner un court-circuit de l'unité.

### AVERTISSEMENTS DE BATTERIE:

Les batteries peuvent présenter un risque d'électrocution et de brûlure dû à un courant de court-circuit élevé. Il n'y a pas de pièces réparables par l'utilisateur à l'intérieur de l'onduleur, à l'exception de la batterie.

- N'ouvrez pas l'onduleur sauf pour effectuer le remplacement de la batterie.
- N'ouvrez pas les piles.
- Ne court-circuitez pas les bornes de la batterie avec un objet.
- Débranchez et éteignez l'onduleur avant d'effectuer le remplacement de la batterie.
- Utilisez des outils avec des poignées isolées.

Le remplacement de la batterie doit être effectué en suivant toutes les précautions de sécurité et en utilisant le même nombre et le même type de batteries (plomb-acide scellé).

Ne jetez pas les piles dans un feu.

Veillez recycler vos piles. Reportez-vous à la réglementation locale pour les exigences d'élimination ou si vous êtes aux États-Unis s'il vous plaît appelez 1-877-723-1297 ou visitez [www.call2recycle.org](http://www.call2recycle.org) pour plus d'informations sur le recyclage de vos batteries.

## REPLACEMENT DE LA BATTERIE

Lorsque vous changez la pile, veillez à installer le même numéro et le même type de pile.

N'essayez pas de vous débarrasser des piles en les brûlant. Cela pourrait provoquer une explosion.

Ne pas ouvrir ou détruire les piles. Les produits chimiques qui s'échappent peuvent causer des blessures à la peau et aux yeux. Cela peut être toxique.

Les batteries peuvent provoquer un choc électrique et un courant de court-circuit élevé. S'il vous plaît prendre les mesures de précaution spécifiées ci-dessous et toutes les autres mesures nécessaires lorsque vous travaillez avec des batteries:

- 1) Retirez les montres-bracelets, bagues et autres objets métalliques
- 2) N'utilisez que des outils avec des poignées isolées et des poignées
- 3) Porter des gants et des bottes en caoutchouc
- 4) Ne posez pas d'outils ou de pièces métalliques sur le dessus batteries

5) Débranchez le câble d'alimentation de l'onduleur du mur avant d'installer ou de maintenir la batterie

6) Enlever la masse de batterie pendant l'installation et la maintenance pour réduire la probabilité de choc

La tension interne de la batterie est de 12VDC. C'est une batterie plomb-acide scellée à 6 cellules.

L'entretien des batteries doit être effectué ou supervisé par un personnel connaissant les batteries et les précautions requises. Tenir le personnel non autorisé à l'écart des batteries.

Cet onduleur peut être dangereux en raison d'un choc électrique. Lors de la déconnexion de l'onduleur de l'alimentation, une tension dangereuse peut encore circuler dans la batterie. L'alimentation de la batterie doit être déconnectée des bornes positive et négative de la batterie avant d'effectuer l'entretien à l'intérieur de l'onduleur. Il n'y a pas de pièces réparables par l'utilisateur à l'intérieur de cet onduleur, à l'exception de la batterie.

## INFORMATIONS DE GARANTIE

Votre produit bXterra est assorti d'une garantie limitée de 3 ans. bXterra garantit que ce produit, s'il est utilisé de manière appropriée et conformément à toutes les instructions applicables, contre les défauts de matériaux et de fabrication du produit pendant 3 ans à compter de la date d'achat. S'il est prouvé que le produit présente un vice de matériau ou de fabrication au cours de cette période de 3 ans, bXterra réparera ou remplacera, sous réserve des conditions et restrictions complètes de la garantie limitée du produit disponible sur notre site Web. bXterra agira à son gré comme seul recours en cas de violation de sa garantie limitée par bXterra. Tous les détails de cette garantie limitée et de la garantie d'équipement directement connecté de bXterra sont disponibles sur notre site Web à l'adresse [www.bxterra.com/warranty](http://www.bxterra.com/warranty) ou sur la page de chaque produit sur notre site Web. Enregistrez votre produit sur [www.bxterra.com/registration](http://www.bxterra.com/registration) pour attester de la garantie de votre produit.

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