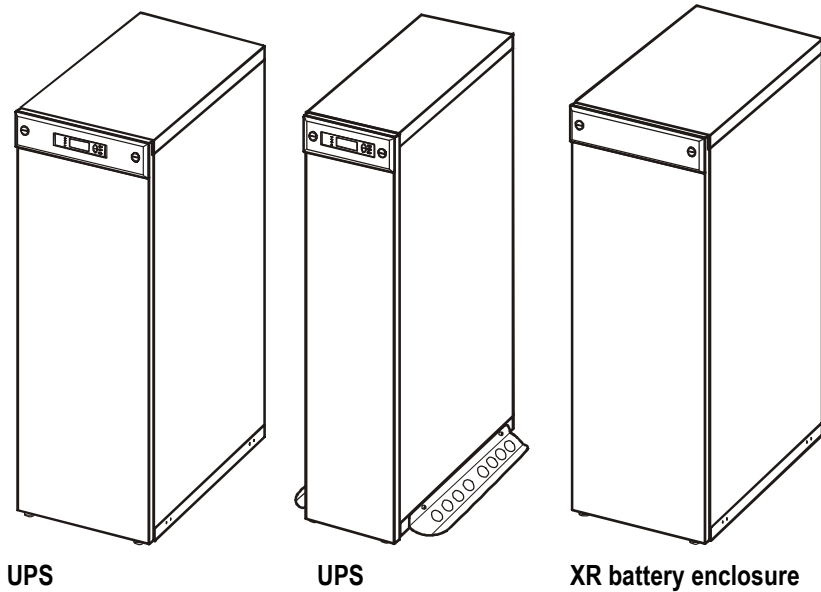






# Safety

## MGE™ Galaxy™ 3500 Series and XR Battery Enclosure









### IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS

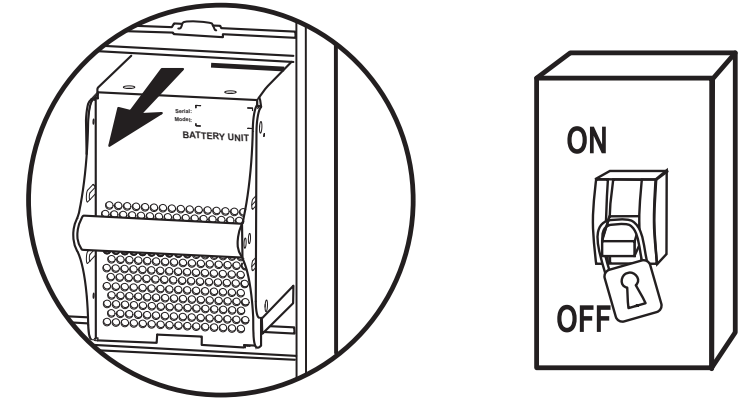
 **Warning:** ALL safety instructions in this document must be read, understood and followed. Failure to do so could result in equipment damage, serious injury, or death.

 **Warning:** For safety reasons, only qualified personnel is allowed to remove the front panel and perform operation and maintenance behind it.

### Symbols Used in the Manuals


-  **Electrical Hazard:** Indicates a risk of electric shock.
-  **Warning:** Indicates a hazard, which, if not avoided could result in personal injury or damage to product or other property.
-  **Caution:** Indicates a hazard, which, if not avoided, could result in injury or death.
-  **Note:** Indicates important information.
-  **Heavy:** Indicates a heavy load that must not be lifted without assistance.
-  Indicates that more information is available on this subject in another section of this manual or another manual.





### Perform a Total Power Off



- ❶ Set the DC disconnect switch on the XR Battery Enclosure (if available) to the OFF position.
- ❷ If your UPS system contains batteries remove all, or, alternatively, pull out all batteries to the red disconnect line shown on the battery. To ensure sufficient stability, do not pull batteries out beyond the red disconnect line unless completely removing them from the enclosure.
- ❸ Set the utility/mains breaker to the OFF or LOCKED-OUT position. If the UPS has dual utility/mains supply, set both supplies to the OFF or LOCKED-OUT position.

### Handling Safety

 **Heavy:** Do not lift heavy loads without assistance.

			
<18 kg <40 lbs	18-32 kg 40-70 lbs	32-54 kg 70-120 lbs	>54 kg >120 lbs



## Operating Environment

The unit is intended for installation in a temperature-controlled indoor area free of conductive contaminants.



Temperature range:  
0° to 40°C/32° to 104°F



Keep ventilated. Do not block ventilation openings.



Relative humidity:  
<95% non-condensing.



Maximum elevation: 0-1000 m/0-3280 ft.

For operation at higher elevation, derate as follows:  
1500 m/4921 ft: 0.95  
2000 m/6566 ft: 0.91  
2500 m/8202 ft: 0.86  
3000 m/9842 ft: 0.82

## Electrical Safety



### Electrical Hazard.

- **The units contain an internal energy source. Hazardous voltage can be present even when disconnected from the utility/mains supply. Before installing or servicing the equipment, ensure that the units are OFF and that utility/mains and external batteries are disconnected.**
- **The units receive power from more than one source. Disconnect all AC and DC sources to de-energize the units before servicing them.**
- **Follow the Total Power Off procedure to completely de-energize the system.**

## Battery Safety



### Warning:

- **Risk of Energy Hazard! The units contain an internal energy source. Hazardous voltage may be present even when disconnected from the power sources. Follow Total Power Off procedure to completely de-energize the system.**
- **Before replacing batteries, remove watches, rings or other metal objects. High energy through conductive materials could cause severe burns.**
- **Servicing of batteries should be performed or supervised by personnel knowledgeable of batteries and the required precautions. Keep unauthorized personnel away from batteries.**
- **When handling batteries, wear rubber gloves and boots.**
- **Use tools with insulated handles.**
- **Do not lay metal objects on top of batteries.**
- **Disconnect charging source prior to connecting or disconnecting battery terminals.**
- **Do not dispose of batteries in a fire, as they may explode.**
- **Do not open, alter, or mutilate batteries. Released electrolyte is harmful to the skin and eyes.**



**Caution:** Handle, transport, and properly dispose of or recycle batteries in accordance with local codes and regulations.

## Regulatory Agency Approval

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 Installation Guide, 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.

*This Class A digital apparatus complies with Canadian ICES-003.*

*Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.*

This is a Class A Product. In a domestic environment this product may cause interference, in which case the user may be required to take adequate measures.

## Contact Information

For local, country-specific centers: go to [www.apc.com/support/contact](http://www.apc.com/support/contact).