

Safety Guidelines for Smart-UPS, BACK-UPS, and Surge products

Issue:

Safety Guidelines for Smart-UPS, BACK-UPS, and Surge products

Product Line:

Smart-UPS, Back-UPS, Surge

Environment:

All models, All Serial Numbers

Cause:

This document contains important instructions that should be followed during installation, operation, and maintenance of your Smart-UPS, Back-UPS, or Surge products

Resolution:

Read the operating instructions carefully and look at the equipment to become familiar with the device before trying to install, operate, service or maintain it.

The following special messages may appear throughout this document, the operation manual for your particular product, or on the equipment to warn of potential hazards or to call attention to information that clarifies or simplifies a procedure.



The addition of this symbol to a Danger or Warning product safety label indicates that an electrical hazard exists that will result in personal injury if the instructions are not followed.



This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

DANGER

DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.

WARNING

WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION

CAUTION indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

NOTICE

NOTICE is used to address practices not related to physical injury.

Do not attempt to use the product if it shows signs of physical damage.

- Adhere to all national and local electrical codes.
- All wiring must be performed by a qualified electrician.
- Changes and modifications to this unit not expressly approved by Schneider Electric could void the warranty.
- Smart-UPS, BACK-UPS, and Surge products are intended for indoor use only.
- Do not operate units in direct sunlight, in contact with fluids, or where there is excessive dust or humidity.
- Be sure that any air vents on the product are not blocked. Allow adequate space for proper ventilation.
- The equipment may be heavy. Always practice safe lifting techniques adequate for the weight of the equipment.

Battery safety

- When replacing batteries, replace with the same number and type. **Always replace all batteries at the same time**, and only use official APC Replacement Battery Cartridges
- Batteries typically last for two to five years. Environmental factors impact battery life. Elevated ambient temperatures, poor quality utility power, and frequent short duration discharges will shorten battery life. Batteries should be replaced before end of life.
- Replace batteries immediately when the unit indicates battery replacement is necessary.
- Schneider Electric uses Maintenance-Free sealed Lead Acid batteries. Under normal use and handling, there is no contact with the internal components of the battery. Over charging, over heating or other misuse of batteries can result in a discharge of battery electrolyte. Released electrolyte is toxic and may be harmful to the skin and eyes.

Should you encounter swollen or leaking APC batteries, contact APC Support for guidance

- CAUTION: Before installing or replacing the batteries, remove jewelry such as wristwatches and rings.
- CAUTION: Do not dispose of batteries in a fire. The batteries may explode.
- CAUTION: Do not open or mutilate batteries. Released material is harmful to the skin and eyes and may be toxic.

De-energizing safety

Smart-UPS and Back-UPS products contain internal batteries and may present a shock hazard even when disconnected from the branch circuit (mains).

Before installing or servicing the equipment check that the:

- Input circuit breaker is in the OFF position.
- Internal UPS batteries are disconnected.

Internal Batteries *must* be disconnected prior to shipment of the unit.

Should you have additional questions regarding the safe operation of your unit please contact APC Support

Veröffentlicht für: Schneider Electric Deutschland

Veröffentlicht am: 27.5.2021 Zuletzt geändert am: 15.11.2024