

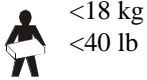
This Safety Guide contains important instructions that should be followed during installation and maintenance of the APC by Schneider Electric equipment and batteries. It is intended for APC by Schneider Electric customers who setup, install, relocate, or maintain APC by Schneider Electric equipment.

Read, understand, and follow ALL safety instructions contained in this manual. Failure to follow safety instructions and warnings could result in equipment damage, serious injury, or death.

Changes and modifications to this unit not expressly approved by APC by Schneider Electric could void the warranty.



WARNING! Handling Safety



<18 kg
<40 lb



18-32 kg
40-70 lb



32-55 kg
70-120 lb



>55 kg
>120 lb



WARNING! Deenergize Safety

The UPS contains internal batteries and may present a shock hazard even when disconnected from the branch circuit (mains). Before installing or servicing the equipment verify the following:

- Mains circuit breaker is in the **OFF** position.
- Internal UPS batteries are removed.
- XLBP battery modules are disconnected.



WARNING! Electrical Safety

- Adhere to all national and local electrical codes.
- All hardwiring must be performed by a qualified electrician.
- Do not work alone under hazardous conditions.
- To avoid personal injury due to energy hazard, remove wrist watches and jewelry such as rings when replacing the batteries.
- Use tools with insulated handles.
- High current through conductive materials could cause severe burns.
- Do not handle any metallic connector before the power has been disconnected.
- Check that the power cord(s), plug(s), and receptacles are in good condition.
- The protective earth conductor for the UPS carries the leakage current from the load devices (computer equipment). An insulated ground conductor must be installed as part of the branch circuit that supplies the UPS. The conductor must have the same size and insulation material as the grounded and ungrounded branch circuit supply conductors. The conductor will be green, with or without a yellow stripe.
- The ground conductor must be grounded to earth at the service equipment, or if supplied by a separately derived system, at the supply transformer or motor generator set.
- The attachment plug receptacles near the unit or subsystem are all to be of a ground type, and the ground conductors serving these receptacles are to be connected to earth ground at the service equipment.
- Strain relief is required for all hardwiring.
- All openings allowing access to UPS hardwiring terminals must be covered. Failure to do so may result in personal injury or equipment damage.
- Leakage current for a pluggable Type A UPS may exceed 3.5 mA when a separate ground terminal is used.
- 230 V models only: In order to maintain compliance with the EMC directive for products sold in Europe, output cords attached to the UPS should not exceed 10 meters in length.



WARNING! Battery Safety

- This equipment contains potentially hazardous voltages. Do not attempt to disassemble the unit. The only exception is for a UPS containing batteries. Refer to the battery replacement procedures detailed in the User Manual. Except for the battery, the unit contains no user serviceable parts.
- Do not dispose of batteries in a fire. The batteries may explode.
- Do not open or mutilate batteries. They contain an electrolyte that is toxic and harmful to the skin and eyes.
- Replace batteries with the same number and type of batteries as originally installed in the equipment.