

Installation Guide Smart-UPSTM On-Line APCRBC152J/APCRBC141J

Important Safety Messages

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

Read these 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 bulletin 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 either to a “Danger” or “Warning” safety label indicates that an electrical hazard exists which 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.

Product Handling Guidelines



<18 kg
<40 lb



18-32 kg
40-70 lb



32-55 kg
70-120 lb



>55 kg
>120 lb



Safety and General Information

**Inspect the package contents upon receipt.
Notify the carrier and dealer if there is any damage.**

- Adhere to all local and national electrical codes.
- Always recycle used batteries.
For information on recycling used battery modules, refer to the Battery Disposal Information sheet included with the replacement battery module.
- Recycle the package materials or save them for reuse.

Battery safety

- When replacing batteries, replace with the same number and type of batteries as originally installed in the equipment.
- Batteries typically last for three 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 Sealed Maintenance-Free valve regulated 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.
- **CAUTION:** Before installing or replacing the batteries, remove jewelry such as wristwatches and rings. High short circuit current through conductive materials could cause severe burns.
- **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.

Replace Battery Modules

⚠ CAUTION

RISK OF FALLING EQUIPMENT

- The equipment is heavy. Each APCRBC152J battery module weighs 17 kg (37.5 lb) and each APCRBC141J battery module weighs 12.8 kg (28.2 lb).
- Always practice safe lifting techniques adequate for the weight of the equipment.
- Adhere to all local and national electrical codes.
- Use the battery model handle to slide the battery modules in and out of the UPS and external battery pack (XLBP).
- Do not use the handle to lift or carry the battery module.
- When replacing the battery modules, replace with the same type of battery modules.

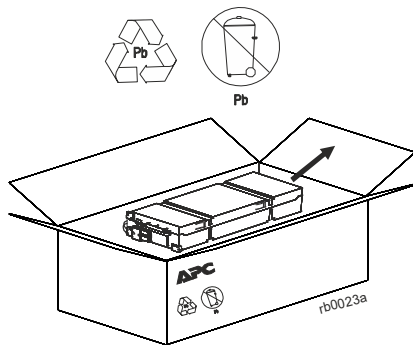
Failure to follow these instructions can result in equipment damage and minor or moderate injury.

Note: The batteries will charge to 90% capacity in the first three hours of operation on utility power. Do not expect full runtime capability during this initial charge period.

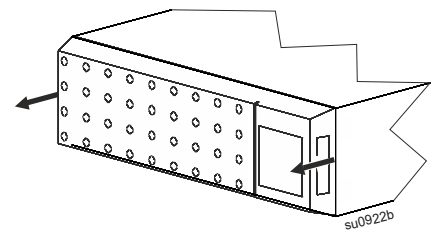
Battery Module	UPS	XLBP
APCRBC152J	SRT2400XLJ	SRT96BPJ
APCRBC141J	SRT1500XLJ	SRT72BPJ

SRT1500XLJ/SRT2400XLJ UPS models

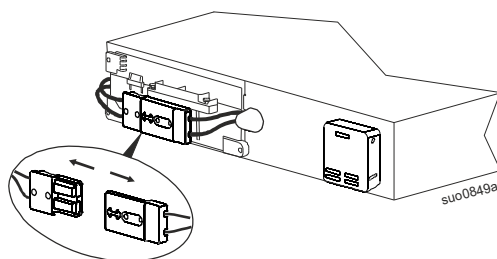
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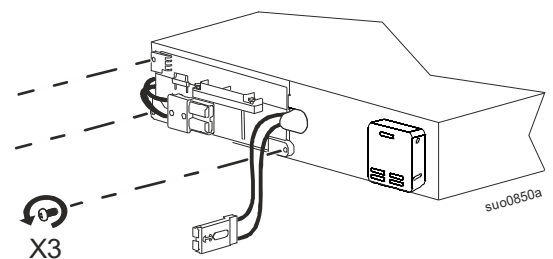
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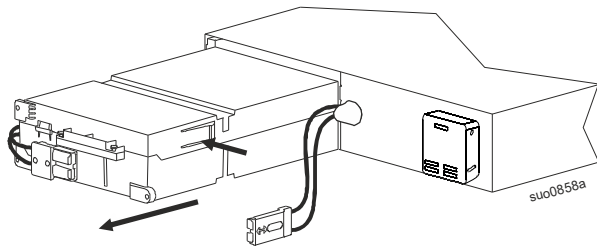
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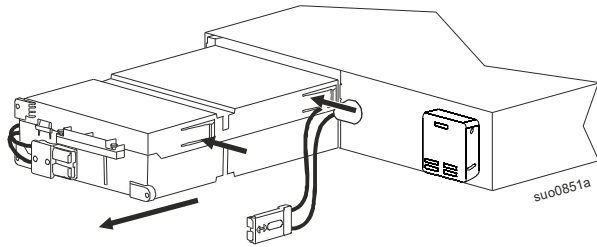
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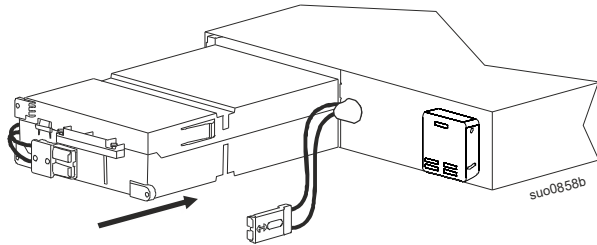
5 APCRBC141J



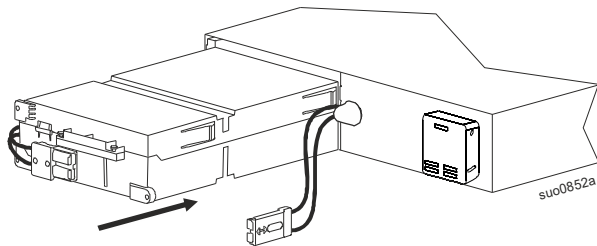
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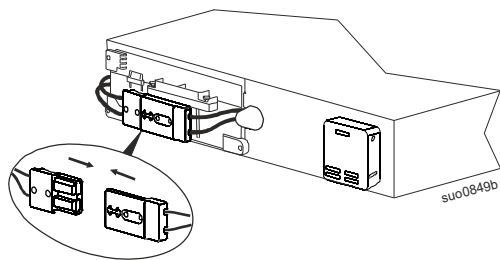
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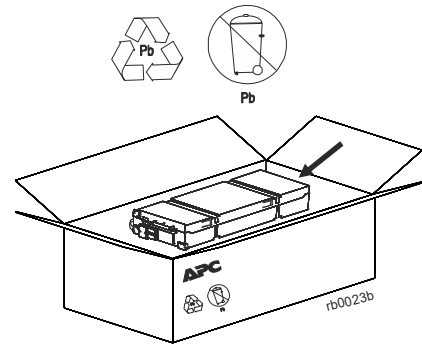
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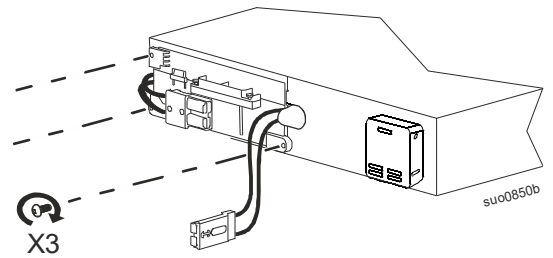
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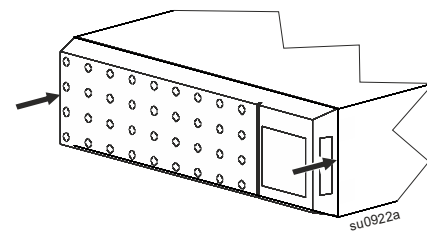
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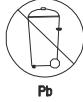


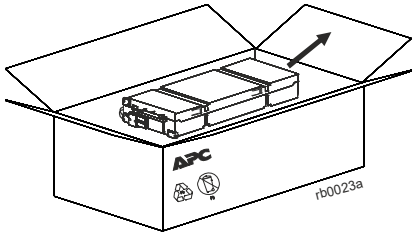
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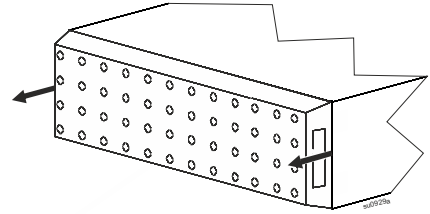
SRT72BPJ/SRT96BPJ External battery packs

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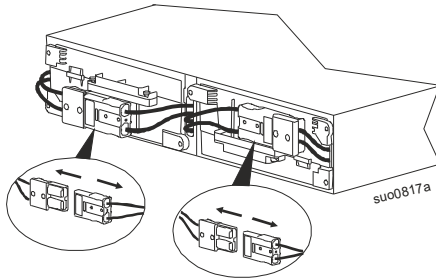


 x2 boxes
 x2 battery modules



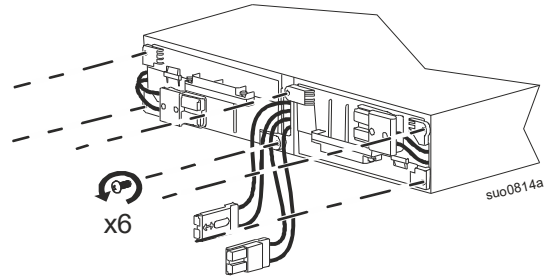
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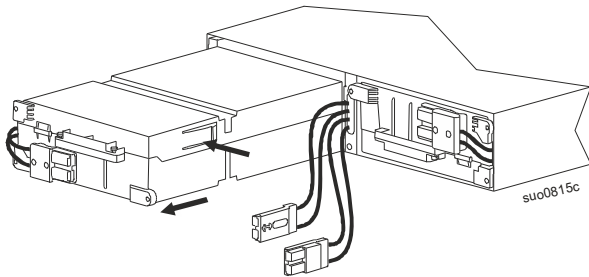


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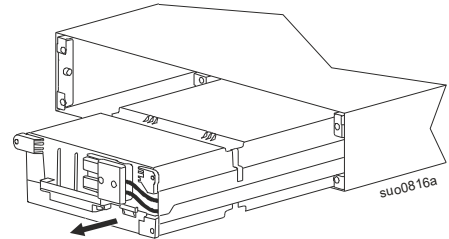


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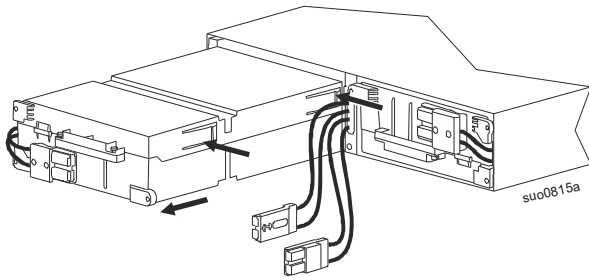
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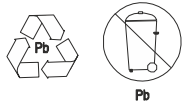
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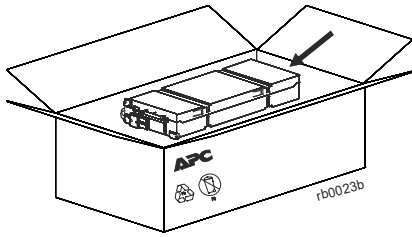
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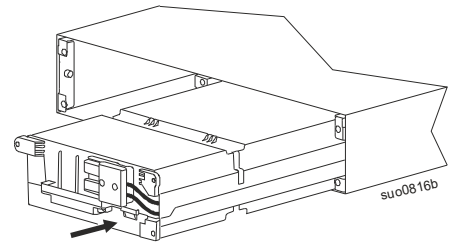
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x2 boxes
x2 battery modules

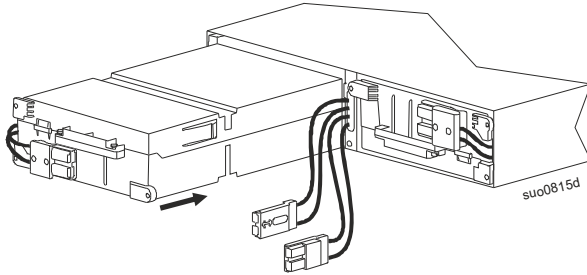


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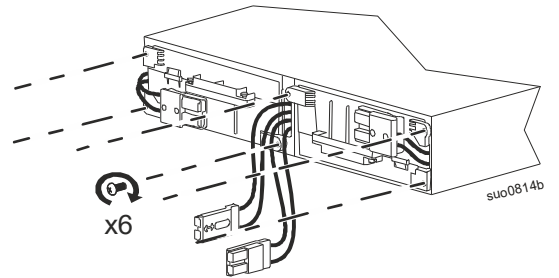


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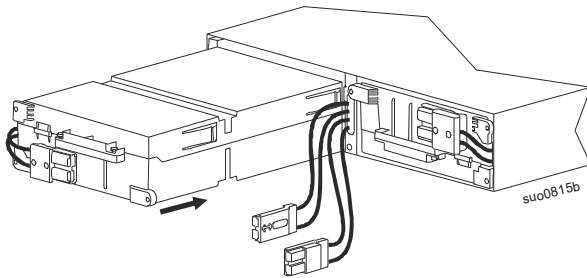
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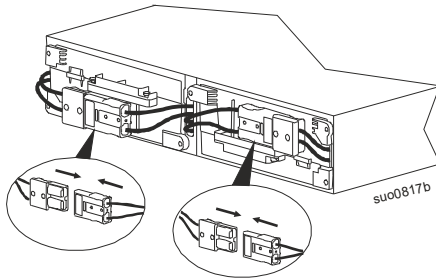
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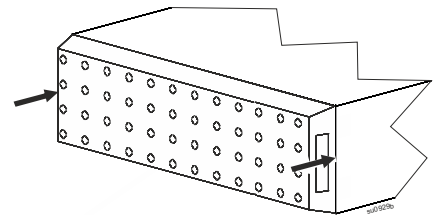
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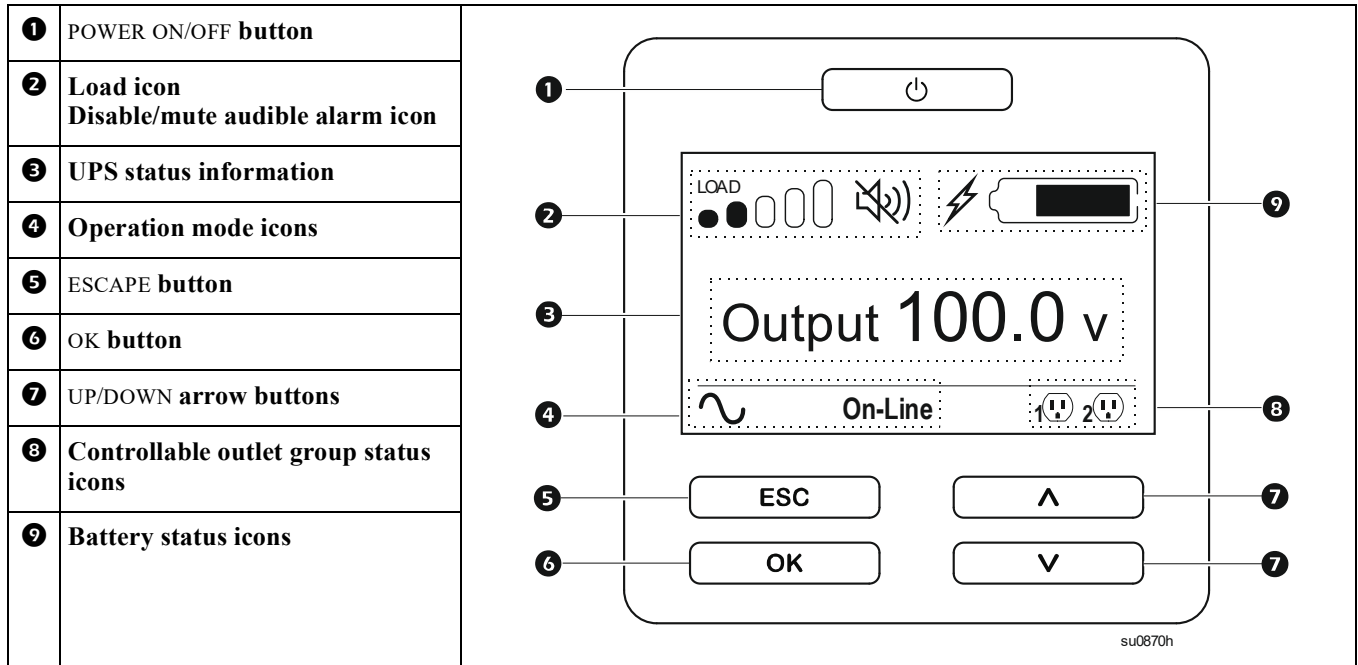
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Reset Battery Installation Date



The battery installation date will appear on the display interface within two minutes of battery installation. If the installation date does not appear on the display interface, use the UP/DOWN arrow buttons to navigate to the **Config Menu > Battery** and enter the correct **Installation Date**.

When the replacement battery cartridge (RBC), is charged to full capacity, perform a **Self Test** and a **Runtime Calibration Test**.

Customer support and warranty information are available on the APC Web site, www.apc.com.

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