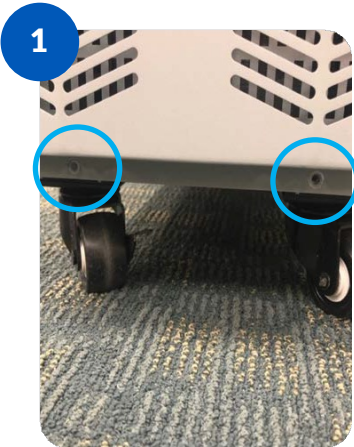


**AMETEK Powervar** battery packs can be replaced without turning off the power or disrupting the protected equipment.

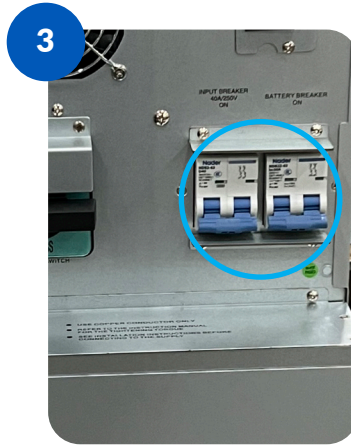
After replacing the batteries, the LED display will indicate that the batteries are in the process of charging. If charging does not complete within 4 to 8 hours, contact AMETEK Powervar Technical Support.



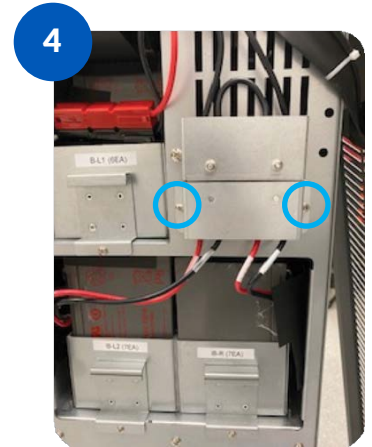
**1 Remove front panel.**  
Remove the two Philips head screws at the bottom of the front panel.



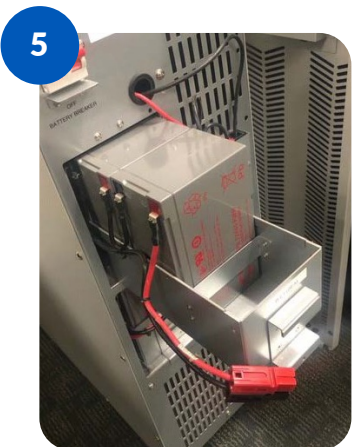
**2 Lift up panel slightly and remove.** Gently place off to side taking care not to dislodge ribbon cable.



**3 Turn OFF the battery circuit breaker.**

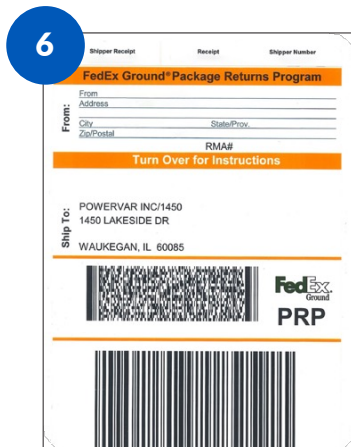


**4 Remove the battery connector cover.**  
Remove the 2 side screws; and remove the battery connector cover to expose the battery connectors.



**5 Remove old batteries.**  
Unplug battery connectors from the batteries, remove battery tray retainer screw, carefully slide out old battery trays and set aside.

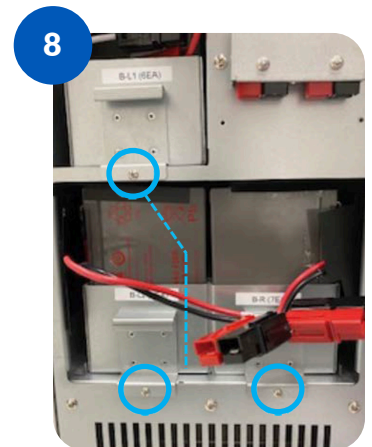
**NOTE: Batteries are heavy; please use caution when removing.**



**6 Unpack new batteries.**  
Save the provided FedEx label and packaging for returning depleted batteries (see "Instructions for Returning Depleted Batteries").



**7 Install new batteries.**  
Starting with the lowest shelf, slide in a total of 3 battery trays with battery terminals/harness facing outboard edge of the UPS.



**8 Install new batteries.**  
Replace battery tray retainer screws securing the 3 battery trays.



**Connector trays.**  
Connect the 2 lower battery tray connectors and reinstall lower battery trays connector cover. Top battery connector hangs free. Verify connectors are completely snapped together.



**Turn ON the battery circuit breaker.**



**Replace front panel.**  
Place the hooks at top of panel into the slots on either side of the UPS.



**Using Philips head screwdriver secure the front panel cover screws.**



**Place new label on UPS unit.** Use permanent black marker to block out the battery replacement date on old label. Then place new label over the old label.

## Instructions for Returning Depleted Batteries:

**AMETEK Powervar** provides for pre-paid return of depleted batteries with all replacement battery purchases.

**Just follow these simple steps:**

1. Remove the new battery pack and install it in the AMETEK Powervar unit as per the installation instructions. Put the FEDEX label aside.
2. After the battery pack has been replaced, place the depleted battery pack in the box the same way the new battery was packaged and seal the box.
3. Follow the return instructions on the back of the FEDEX label and affix to the box.
4. To return to AMETEK Powervar for proper recycling (at no cost to you), give the box to any FEDEX pick-up driver or call 1-800-GO-FEDEX for the nearest drop off location.



### Technical Support

**AMETEK Powervar** offers 24-hour technical support, to contact Technical Services call:

(847) 596-7000 | Toll free: (800) 369-7179 | Europe: +44 (0) 1793 553980

Email: [rma.powervar@ametek.com](mailto:rma.powervar@ametek.com)

Please check with AMETEK Powervar Technical Services before attempting to repair or return any product. If a unit needs repair or replacement, AMETEK Powervar Technical Services will issue a Return Material Authorization (RMA) number along with instructions on how to return the product.