Quick Installation Guide for Replacement Battery Cartridge

⚠ WARNING

RISK OF FIRE, EXPLOSION OR BURNS

- Do not short the battery terminals.
- Do not incinerate, crush, disassemble, dispose of in fire, or heat above 85 ˚C
- Do not overcharge or over discharge.
- Do not reverse connections (polarity) between charger and battery.
- Do not operate beyond published voltage, current, and temperature limits.

Failure to follow these instructions can result in death, serious injury or equipment damage.

Safety and General Information

SAVE THESE INSTRUCTIONS

This manual contains important instructions that should be followed during installation and maintenance of the UPS and batteries.

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

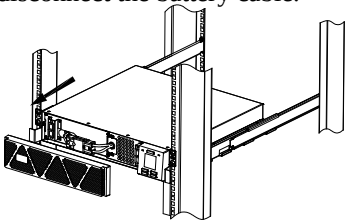
- Servicing of user replaceable batteries should be performed or supervised by personnel knowledgeable about batteries and required precautions.
- When replacing batteries, replace with the same type and number of batteries or battery packs.
- Use authorized battery recycler. See www.se.com for information on recycling services offered in your country.
- Turn off all power to the equipment connected before working on battery replacement.

Specification

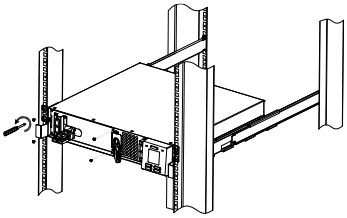
Battery Pack	RBCV181-LI	RBCV182-LI	RBCV183-LI
Compatible UPS	SRVSL1KRARK SRVSL1KRIRK SRVL1KRIRK SRVL1KRI-IN	SRVSL2KRARK SRVSL2KRIRK SRVL2KRIRK SRVL2KRI-IN	SRVSL3KRARK SRVSL3KRIRK SRVL3KRIRK SRVL3KRI-IN
Configuration	Internal battery		
Type	Lithium Ion		
Typical capacity	230.4 Wh	432 Wh	576 Wh
Nominal Voltage	38.4 V	48 V	48 V
Recommended Charging Voltage	42 V	52.5 V	52.5 V
Battery Pack Dimension Height x Width x Depth	76 x 200 x 250 mm (3.0 x 7.9 x 9.8 in)	76 x 200 x 380 mm (3.0 x 7.9 x 15.0 in)	76 x 200 x 455 mm (3.0 x 7.9 x 17.9 in)
Battery Pack Net Weight	4.3 kg (9.7 lb)	7.1 kg (15.7 lb)	9.3 kg (20.5 lb)
Package Dimension Height x Width x Depth	195 x 320 x 370 mm (7.7 x 12.6 x 14.6 in)	195 x 320 x 500 mm (7.7 x 12.6 x 19.7 in)	195 x 320 x 595 mm (7.7 x 12.6 x 23.4 in)
Package Weight	5.4 kg (11.9 lb)	8.4kg (18.5 lb)	10.8 kg (23.8 lb)

SRVSL series 1K/2K/3K Rack-Mount Standard Model

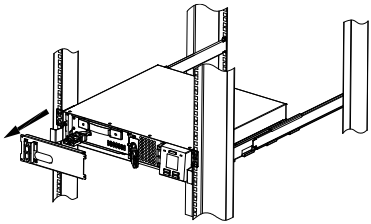
1. Before replacing internal battery, be sure the UPS is turned off. Remove the front bezel of the UPS and disconnect the battery cable.



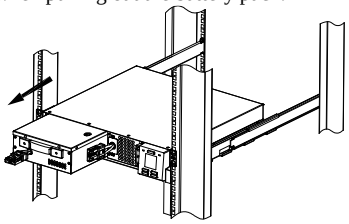
2. Locate the screws (4 nos.) securing the battery plate and unfasten them.



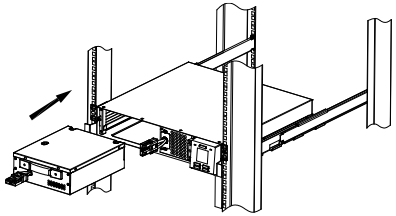
3. Remove the battery plate.



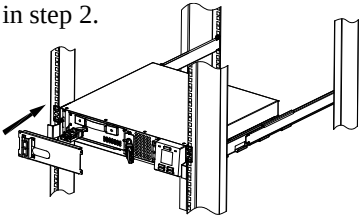
4. Use the handle on the battery pack to pull out the old battery.
NOTE 1: DO NOT use this handle for lifting or carrying the battery pack.
NOTE 2: Be aware of the danger of falling when pulling out the battery pack.



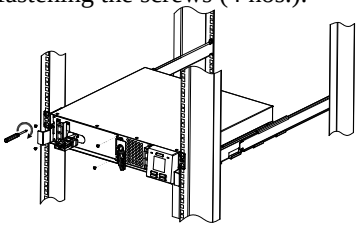
5. Insert the new battery.



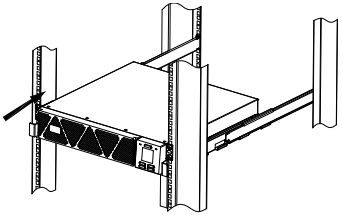
6. Re-install the battery plate removed in step 2.



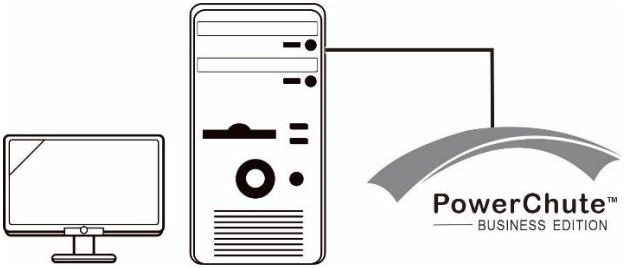
7. Secure the battery plate by fastening the screws (4 nos.).



8. Re-connect battery cable and re-install the front bezel of the UPS.



9. After replacing with new battery, it is required to reset the battery installation date through PowerChute management software. Charge the battery to its 100% capacity and discharge it with a connected load (>40% is expected) till low battery shutdown comes to calibrate battery health status.



NOTE: The above illustrations are for representation only. The replacement procedure remains the same for all the UPS ratings.

	Refer the UPS user manual prior to operating this battery!!
	Environment Friendly Use Period is the period of time before any of the RoHS substances are likely to leak out, causing possible harm to health and the environment. Each product that contains RoHS substances above the maximum permitted concentration values is labelled with an orange circle composed of two arrows containing a number that gives the EFUP in years. Because battery is required to replaced periodically, this 10-year of Environment Friendly Use period is not applied for battery.

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