

RPB® PAPR 03-855 Battery Instructions

EMPLOYERS: Read this manual, the RPB PAPR and the respirator head-top Instruction Manuals and carry out the Employer Responsibilities.



PRODUCT USERS: Read this manual, the RPB PAPR and the respirator head-top Instruction Manuals and follow the Product User Safety Instructions.

Manuals are regularly updated. Make sure this manual is available to all users for reference.

Current version of this manual and other languages:
rpbsafety.com/resources

BATTERY PACK



WARNING

To reduce the risk of battery fire, explosion, fire, or electric shock with the charger, follow these precautions and procedures:

Before charging

- Allow the battery to cool before charging if it feels hot.
- Inspect the battery pack before every charge. If there are any cracks or damage do not charge the battery pack.
- Inspect the charger and power cords before use. Replace if any parts are damaged. Do not substitute, modify or add parts to the charger. Do not attempt to service the charger. There are no user-serviceable parts inside.
- Use only the provided charger and cord.

Where to charge

Charge only:

- indoors,
- in a dry area,
- away from sources of heat,
- away from anything that can burn if exposed to heat or flame,
- in a well-ventilated place,
- where the charger can be monitored and easily observed during charging.



WARNING

Do not charge in an explosive atmosphere.

Battery Charging

5 hours, 300+ cycles with battery life greater than 80% of original

Battery care

- Do not use the battery outside the recommended temperature limits -4° F to 122° F (-20° C to 50° C).
- Do not charge the battery outside the recommended temperature limits 32° F to 113° F (0° C to 45° C).
- Do not store the battery outside the recommended temperature limits of:
 - Less than 1 month: -4° F to 122° F (-20° C to 50° C) <90% RH
 - Less than 3 months: -4° F to 113° F (-20° C to 45° C) <85% RH
 - Less than 12 months: -4° F to 68° F (-20° C to 20° C) <85% RH

Do not disassemble or immerse the battery or charger in water or other liquids.

The battery can short if the contacts are accidentally connected by metal other than the RPB PAPR or the charger. To reset the battery, place the battery on the charging station. The battery will be ready to use again. While measures have been taken to protect the battery, damage can still occur, so be careful not to short any contacts together.

Long term storage

The battery has a shelf life of 6 months. Charge the battery until only 2 LEDs have been displayed on the charger for around 20 minutes before storing. Then place on the charger for 1½ hours

every 3 months. If battery pack has 3 green flashing lights on at start of charging, wait another 3 months before charging. Battery capacity can be checked by inserting it into a RPB PAPER and power it on, checking the battery meter on the side. Long term battery storage should be done at 40-60% capacity in a cool dry place. A battery stored at 100% charge and at higher storage temperatures, the more permanent capacity loss will occur. The battery pack may go into sleep mode if not used for 30+ days or drops to a low voltage. If this is the case, the battery pack may need resetting before use. This can be done by placing it in the charger. If the battery gets below it's minimum voltage it could result in an unrecoverable dead battery and could be dangerous to attempt charging.

Disposal

Dispose of battery packs according to local regulations. Do not crush, disassemble, dispose of in standard waste bins, in a fire, or send for incineration. Failure to properly dispose of battery packs may lead to environmental contamination, fire or explosion.

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RPB® SAFETY - GLOBAL HEADQUARTERS

2807 Samoset Rd, Royal Oak, MI 48073, USA
T: 1-866-494-4599 F: 1-866-494-4509 E: sales@rpbsafety.com

RPB® SAFETY - APAC

3 Robin Mann Place, Christchurch Airport, Christchurch 8053, New Zealand
T: +64-3-357-1761 F: +64-3-357-1763 E: sales@rpbsafety.com

GVS S.p.A. - EMEA

Via Roma 50, 40069 Zona Industriale BO, Italy
T: +39 0516176391 E: sales@rpbsafety.com

GVS Filter Technology UK Ltd.

Vickers Industrial Estate, Mellishaw Ln, Morecambe LA3 3EN, UK
T: +44 (0)1524 847600 E: sales@rpbsafety.com

gvs-rpb.com

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