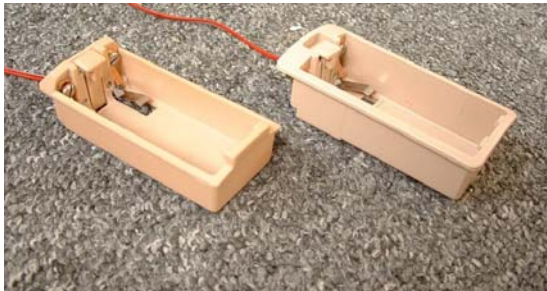


TECHNICAL LITERATURE

COMPACT SERIES, LITHIUM ION BATTERIES; 6V, 5V, REPLACEABLE AND BUILT IN VERSIONS



The **Compact** series of batteries provides a full days power for most users. Batteries are available for the latest Otto Bock™ adult powered components, VASI components and all RSLSTEEPER powered systems. In addition, a 5Volt version can be supplied for use with Otto Bock System 2000 series hands. Built in versions in both voltages are available where use is permitted.

At a glance

- ❑ Advanced safety technology prevents excessive demands on the battery.
- ❑ Compatible with Otto Bock DMC and other hands, wrists and Greifers. This battery can also be used with all RSLSTEEPER hands including the Scamp series.
- ❑ 5 Volt version available for Otto Bock system 2000 series hands.
- ❑ “All Day” capacity (500MAhr).
- ❑ 80% of capacity is restored in the first hour of charging.
- ❑ Low self discharge in storage.
- ❑ “Fuel” indicators are fitted to confirm remaining capacity and provide an early warning as the voltage output approaches the lower capacity limit (Green to Yellow at 30% capacity)
- ❑ Press to test facility
- ❑ Can be used as original equipment for many adult and pediatric applications..
- ❑ Shallow, full depth or remote holders available
- ❑ Built in options available

| Battery | Type | Capacity (mAh) | Voltage Nominal | Weight | Size (mm) | Holder Sizes (mm) | Holder |
|--------------------|--------|----------------|-----------------|--------|--------------|-------------------|-------------------------------|
| RSL <i>Compact</i> | Li Ion | 500 | 5.5 or 6.5 | 49 g | 54 x 25 x 21 | 68 x 32 x 23 | <i>Compact</i> Std or shallow |

| Description | Part Number |
|--|-------------|
| <i>Compact</i> battery 6 V | B23321 |
| <i>Compact</i> battery 5 V | B23320 |
| <i>Compact</i> battery holder, standard depth, RSLS cable | B23323 |
| <i>Compact</i> battery holder, standard depth, Bock cable | B23325 |
| <i>Compact</i> battery holder, shallow, RSLS cable | B23322 |
| <i>Compact</i> battery holder, shallow, Bock cable | B23324 |
| <i>Compact</i> battery charger (accepts 2 batteries), 6 V or 5V | B23340 |
| Transformer 230-250 V 50~ AC input 9.5v output 3 pin plug UK | NTO0001 |
| Transformer 230-250 V 50~ AC input 9.5v output 2 pin Euro plug | NTO0002 |
| Transformer 110V 60~ AC input 9.5v output North American plug | NTO0003 |

Output 6 V Battery 6.6V max. 6.5V nominal

Output 5 V Battery 5.4V max, 5.0V nominal

| | |
|---|--------------------|
| <i>Battery Capacity Indicator:</i> Capacity | |
| Green | 100% - 30% |
| Amber (recharge) | <30% |
| No indication | capacity exhausted |

If all LEDs flash after charging battery has ben overcharged and should be discharged and recharged.

IMPORTANT NOTES:-

! Warnings ! :

- **No user serviceable parts inside**
- **When the battery is to be first used from store we recommend that it is charged prior to issue for a minimum of 19 hours.**
- **We recommend that the battery is charged each night so that all day capacity is available**
- **Do not charge for greater than 24 hours.**
- **Warning: Do not use with Nicel Cadmium or Nickel Metal Hydride battery charges. Use only the RSLSTEPPER Charger and 9.5V transformer supplied for these Li –Ion Batteries (B23340)**

1) Lithium-ion cells and battery packs may get hot, explode or ignite and cause serious injury if exposed to abuse conditions. Be sure to follow the safety warnings listed below:

- Do not place the battery in fire or heat the battery.
- Do not use the battery other than directed by the Prosthetist.
- Do not connect the positive terminal and negative terminal of the battery to each other with any metal object (such as wire).
- Do not carry or store battery together with necklaces, hairpins or other metal objects.
- Do not pierce the battery with nails, strike the battery with a hammer, step on the battery or otherwise subject it to strong impacts or shocks.
- Do not expose battery to water or salt water, or allow the battery to get wet.

2) Do not disassemble or modify the battery. The battery contains safety and protection devices, which, if damaged, may cause the battery to generate heat, explode or ignite.

3) If the battery case becomes damaged stop using and place in a plastic bag to stop the battery getting wet and return to prosthetist.

4) Do not place the battery in or near fire, on stoves or other high temperature locations. Do not place the battery in direct sunlight, or use or store the battery inside cars in hot weather. Doing so may cause the battery to generate heat, explode or ignite. Using the battery in this manner may also result in a loss of performance and a shortened life expectancy.

5) In the unlikely event of a malfunction or unusual operation stop using and consult the prosthetist.

! CAUTION !

6) If the device is to be used by small children, the prosthetist / caregiver should explain the contents of this document to the children and provide adequate supervision to ensure the device is being used appropriately.

7) When the battery is worn out, insulate the terminals with adhesive tape or similar materials and return to prosthetist.

8) Immediately discontinue use of the battery if, while using, charging or storing the battery, the battery emits an unusual smell, feels hot, changes color or shape, or appears abnormal in any other way. Contact RSLSTEEPER if any of these problems are observed.

9) Do not place the battery in microwave ovens, high-pressure containers or on induction cookware.

10) In the event the battery is damaged which results in the cell leaking and the fluid gets into one's eye, do not rub the eye. Rinse well with water and immediately seek medical care. If left untreated, the battery fluid could cause damage to the eye.

A Battery Mounting kit is provided to create an appropriate space for either type of holder in the wall of the prosthesis. Three clear disposable parts are included. These are used in the manufacture of the prosthesis. The former is used during the socket shaping procedure to provide a suitable space in the prosthesis wall into which the Battery Holder can be glued. It provides clearance for the features of the holder so that clashes with the inner socket or other components are avoided.

The optimum position for the former is identified by a consideration of the intended cosmetic shape. To provide the best effect it may be necessary to add or remove material. A small rim of exposed former must be provided so that an area is provided for gluing. Once the Former has been installed, the outer socket can be manufactured. The shaping material and the former are removed before cutting the aperture. Using a sharp twist drill, holes are made into the space from which the Former has been removed. The aperture is enlarged carefully until the Battery holder fits snugly. All raw edges are sanded smooth. Fillers are provided for each depth of holder. These are used as a handling aid during finally sizing of the socket aperture, when applying adhesive and to prevent distortion whilst the holder is glued in place – Cyanoacrylic adhesive is used for this purpose. **CAUTION: USE IN ACCORDANCE WITH INFORMATION ON THE LABELLING AND MANDATORY HEALTH AND SAFETY PROCEDURES.** The disposable items should not be reused after installation.

This product meets the essential requirements of the Medical Devices Directive for Class 1 devices.

For further information contact:

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