

The design and manufacture of Steeper equipment and components are subject to a policy of continuous reappraisal. The company therefore reserves the right to introduce changes and withdraw products without notice.



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Lithium Polymer Battery BLPA72

Technical Information

The BLPA72 Lithium Polymer battery is designed to power the range of Steeper's myoelectric hands. It may also be suitable for use with other manufacturers' similar products. One fully charged battery can provide power to a myoelectric hand for more than a day for most active prostheses users.

We recommend the battery is charged each night so that a regular charging pattern is established and the user starts each day with a fully charged battery. If the battery is in storage it should be charged at least once every six months.

Specifications

Part number	BLPA72
Size	68.5mm x 33mm x 17mm
Mass	45gm
Typical capacity	800mAh
Voltage	7.4V, Min 6V, Max 8.4V
Current	Max 1.6A



Capacity

The battery includes a 'capacity remaining' indicator. Green indicates > 35% capacity, whilst yellow indicates < 35% capacity remaining. Red indicates fully discharged, output disconnected.

Red	Yellow	Green
Dis.	>35%	<35%

As the battery discharges to less than 10% a drop off in performance may occur, warning the user that the battery should be replaced when possible.

Care & Safety

Please observe the following precautions for safety:

- Do not immerse the battery in water or other liquid. The battery and its associated components are not waterproof and should not be exposed to moisture. Ingress of moisture may cause corrosion and potentially severe damage.
- Do not use or leave the battery near a heat source.
- When charging, only use the specified battery charger. Part Number: BCLPA72 or LPDC01.
- Do not discard the battery in fire or expose it to a flame.
- Do not transport or store the battery together with metal objects.
- Do not strike, throw, drop or damage the battery.
- Do not try to pierce, disassemble or modify the battery.
- Do not put the battery into a microwave oven.
- Store batteries out of reach of children.

- These products are not designed to be opened and have no user accessible/or replaceable internal components. Do not use or leave the battery at very high temperatures (e.g. in strong direct sunlight or in a vehicle in extremely hot weather). This can cause overheating, burning or the degeneration of the performance and thus reduction in the service life.
- Do not use in a location where static electricity is great.
- If the battery leaks, and the electrolytes get into the eyes, do not rub eyes. Instead, rinse the eyes with clean running water, and immediately seek medical attention. Otherwise, this could cause injury or loss of sight.
- If the battery does not charge properly or it is not lasting very long, stop using it and replace it with a new one.
- If the battery gives off an odour, generates heat, becomes discoloured or deformed, or in any way appear abnormal during use, recharging or storage, immediately remove it from the prosthesis.

In the event of failure or suspected malfunction, please contact your supplier or your prosthetic provider.

This battery must not be used with obsolete Steeper electrodes D12839 or D12839A or any other components not rated to the battery's maximum voltage. It is suitable for electrodes SEA200, SEA200C, ELEC50 and ELEC60.