

MC Internal Li-Ion Battery Set

User Guide

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Introduction

Your prosthesis contains a Motion Control Internal Li-Ion Battery and charging system. Lithium Ion presents the longest battery life in a small, lightweight package. Motion Control has built in safeguards and protections to ensure the battery operates safely and efficiently. Please follow the instructions in this guide. Failure to do so could result in shorter usage time, shorter battery life, accidental fire, or possible explosion.

Special Precautions



MC Battery Charger

Use only the Motion Control battery charger and wall adapter with Motion Control batteries. If a replacement charger is needed, contact Motion Control.



Remove the prosthesis before charging

Do not wear the prosthesis while charging. Always remove the prosthesis before plugging the charger into the charging port.



Do not alter

Do not alter the wiring or circuits in the battery in any way. Do not cross the power leads anywhere in the system. This will cause a short circuit in the system that could lead to fire or explosion and will void the warranty.



Keep the battery system dry

Do not allow the battery system to get wet.

Charging

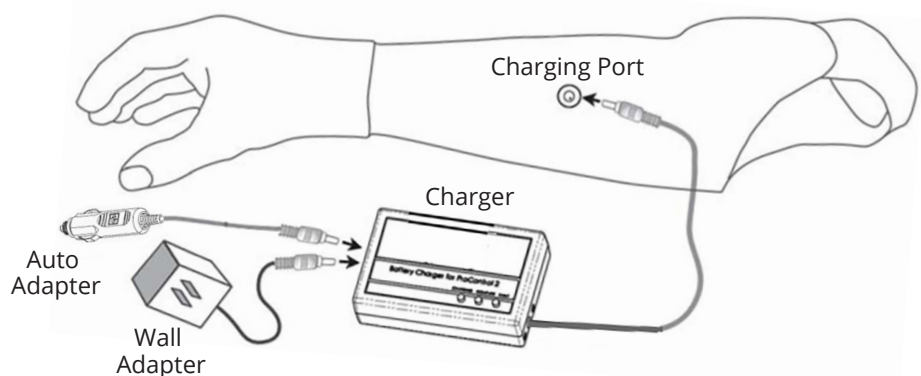
The charger consists of three parts - the wall adapter, automotive adapter, and the charger. Plug the wall adapter (or automotive adapter) into the charger, then plug the charger into the charging port (*Figure 2*).

To charge the battery, plug the wall adaptor into the wall, and the plug into the charger. The yellow "Fault" light should illuminate. Then plug the

cable from the charger into the charging port on the prosthesis. The red "Charging" light should illuminate. The red light will stay illuminated until the battery is fully charged, then the green "Complete" light will illuminate. This usually takes 2-3 hours.

If the yellow Fault light does not change to the red charging light, re-check all the connections. If the red light continues to be illuminated, return the prosthesis and charger to your prosthetist. If the battery takes longer than 3-4 hours to charge or never reaches a "complete" charge (green Light), return the prosthesis and charger to your prosthetist.

Connect battery to charger as shown



Power On/Off

If your prosthesis does not have an electric wrist rotator, the switch on the terminal device (hand or ETD) is adequate to turn the system off.

If your prosthesis has an electric wrist rotator, the system needs to be either plugged into the charger, or powered off when not in use. To power off the system, insert the (provided) interrupter plug into the charging port, and the system is off. This plug is attached to a convenient key fob.



Interrupter Plug

Limited Warranty

Seller warrants to Buyer that the equipment delivered hereunder will be free from defects in materials and manufacturing workmanship, that it will be of the kind and quality described and that it will perform as specified in Seller's written quotation. The limited warranties shall apply only to failures to meet said warranties that appear within the effective period of this Agreement. The effective period shall be one year (12 months) from the date of delivery to the fitting center that has purchased the components. Refer to the shipping receipt for the date of shipment.

For more information regarding the Limited Warranty, see the MC FACT SHEET - Limited Warranty.

Return Policy

Returns are accepted for a full refund (not including any repairs that may be required) for up to 30 days from date of shipment.

Returns 31-60 days from date of shipment will be accepted, subject to a 10% restocking fee.

Returns 61-90 days from date of shipment will be accepted, subject to a 15% restocking fee.

Beyond 90 days, returns are not accepted. Returns must be in re-saleable condition.

Technical Specifications

Operating Temperature: -5° to 60° C (23° to 140° F)

Transport & Storage Temperature: -20° to 50° C (-4° to 122° F)

Battery: Lithium-Ion, 1150 mAh

Voltage: 7.2 Vdc

Declaration of Conformity

The product herewith complies with the Medical Device Directive 93/42/EEC guidelines, and is registered with the United States Food and Drug Administration (Registration No. 1723997).



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