

Batteries, Built-in & Removable

Built-in Batteries:

The batteries below use modern Lithium chemistry because of its superior performance and characteristics. Lithium has significantly greater energy-density than other battery chemistries like Ni-Cad and Nickel-Metal size and weight are critical. There are two battery cell types; lithium-ion and lithium-polymer. Each Built-in Battery consists of two cells producing a nominal voltage of 7.4 V. Several batteries are provided as split-cell configurations giving the clinician more options for positioning these cells in the prosthesis in a way that they choose. These batteries include a Recharge Module when ordered as a “Kit” – designated by the “S”.



BP88S Built-in Li-Ion Battery Kit, split-cell 7.4 V, 750 mAHr
Includes Recharge/On/Off Switch Module, BP011 (optional BP018)
Measures: 50L x 27W x 14H mm (combined cells)
Requires one of the MC30 series Battery Adapter
Use with LTI BC96 Fast Charger

*For replacement cells only, no Recharge Module, specify **BP88** (no “S”).*



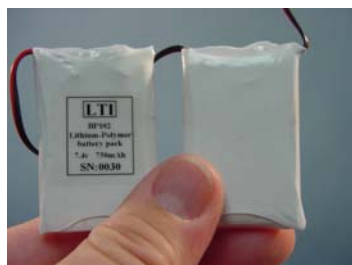
BP98S Built-in Li-Ion Battery Kit, split-cell 7.4 V, 750 mAHr
Includes Recharge/On/Off Switch Module, BP011 (optional BP018)
Measures: 50L x 27W x 14H mm
Requires one of the MC30 series Battery Adapter.
Use with LTI BC96 Fast Charger

*For replacement cells only, no Recharge Module, specify **BP98** (no “S”).*



BP101S Built-in Lithium-polymer Battery Kit, 7.4 V, 250 mAHr
Includes Recharge/On/Off Switch Module, BP013 (optional BP023)
Measures: 32L x 27W x 10H mm
Requires one of the MC30 series Battery Adapter
Use with LTI BC100 Fast Charger

BP101 – DISCONTINUED



BP102S Built-in Li-polymer Battery Kit, split-cell 7.4 V, 750 mAHr
Includes Recharge/On/Off Switch Module, BP011 (optional BP018)
Measures: 50L x 27W x 14H mm
Requires one of the MC30 series Battery Adapter.
Use with LTI BC96 Fast Charger

*For replacement cells only, no Recharge Module, specify **BP102** (no “S”).*



BP103S Built-in Li-polymer Battery Kit, split-cell 7.4 V, 450 mAHr
Includes Recharge/On/Off Switch Module, BP013 (optional BP023)
Measures: 50L x 27W x 14H mm
Requires one of the MC30 series Battery Adapter.
Use with LTI BC100 Fast Charger

*For replacement cells only, no Recharge Module, specify **BP103** (no “S”).*

Batteries, Built-in & Removable

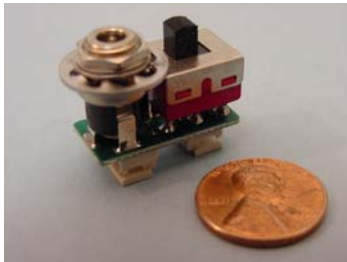


BPI2000S Built-in Li-Ion Battery Kit, split-cell 7.4 V, 2000 mAHr
*Includes Recharge/On/Off Switch Module,
Measures: 70L x 35W x 20H mm weighs: 100 grams
Requires one of the MC30 series Battery Adapter.
Use with LTI BC12000 Fast Charger*

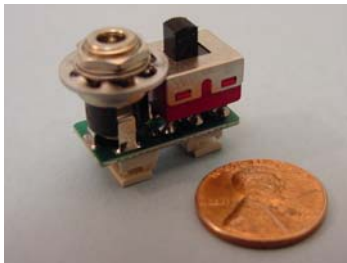
*For replacement cells only, no Recharge Module, specify **BPI2000** (no "S").*

Built-in Battery Recharge Modules:

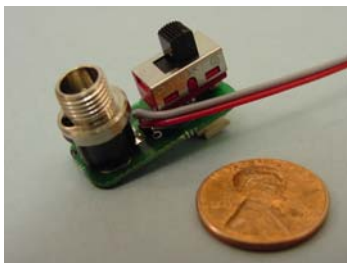
Battery Recharge Modules are supplied with each of the LTI Built-in Battery Kits shown above when ordered as a battery kit (designated by the "S"). The Modules are designed to work with the battery based on battery capacity. BP011 and BP018 Recharge Modules have a recharge connector that for large capacity batteries (750-900 mAHr) and mate with the BC96 Battery Charger. BP013 and BP023 Modules have a recharge connector that for small capacity batteries (250-450 mAHr) and mate with the BC100 Battery Charger.



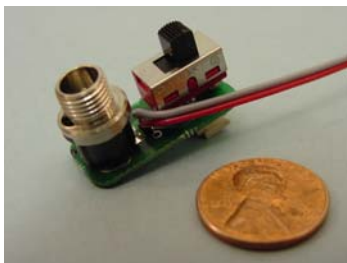
BP011 Recharge On-Off Modules for large capacity batteries
*Module has on-board connectors
Requires one of the MC30 series Battery Adapters
Use with LTI BC96 Fast Charger*



BP013 Recharge On-Off Modules for small capacity batteries
*Module has on-board connectors
Requires one of the MC30 series Battery Adapters
Use with LTI BC100 Fast Charger*



BP018 Recharge On-Off Modules for large capacity batteries
*Module has "wires with connectors
Requires one of the MC30 series Battery Adapters
Use with LTI BC96 Fast Charger*

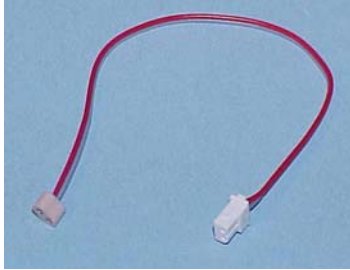


BP023 Recharge On-Off Modules for small capacity batteries
*Module has "wires with connectors
Requires one of the MC30 series Battery Adapters
Use with LTI BC100 Fast Charger*

Batteries, Built-in & Removable

Battery Cable Adapters:

Below is a partial list of the common Battery Adapters for use with LTI Built-in Battery Recharge Modules. These are the most common Battery Adapters for connecting LTI batteries to other manufacturer's systems. For a full list of battery adapters, see the Battery Adapter section.



MC31 Battery Adapter, Bock Quick Disconnect 2-socket plug
Use with any of the BPXX Recharge Modules shown above to connect with any Bock-style power plug



MC37 Battery Adapter, 1 Bock Electrodes, VASI Plug
Use with any of the BPXX Recharge Modules shown above to connect with any VASI prosthetic hand



MC38 Battery Adapter, 2 Bock Electrodes, VASI Plug
Use with any of the BPXX Recharge Modules shown above to connect with any VASI prosthetic hand



MC41 Battery Adapter, Bock QD 2-socket plug, 5V Regulator
Use with any of the BPXX Recharge Modules shown above to connect with the Otto Bock 2000 series children's prosthetic hand

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Removable Batteries:

Removable batteries are usually chosen in cases where a single built-in battery capacity is not adequate to operate the prosthesis for a full day. In these cases, the user carries a second removable battery to replace the first battery when it is depleted during the day. Generally, the battery charger for removable batteries is a table-top unit that charges two batteries at a time.



BP72 Removable Battery, Li-polymer, 7.4 V, 800 mAHr

Measures: 68L x 33W x 17H mm

Requires one MC72 battery receptacle

Use with the BC72 Dual Fast Charger

BP92 Compact Removable Battery, Li-polymer, 7.4 V, 500 mAHr

BP92 - DISCONTINUED



BP90 Removable Battery, Li-polymer, 6.6 V, 500 mAHr

This is a lithium replacement battery for the Otto Bock 757B8 Ni-Cad battery or the 757B15 NiMH battery

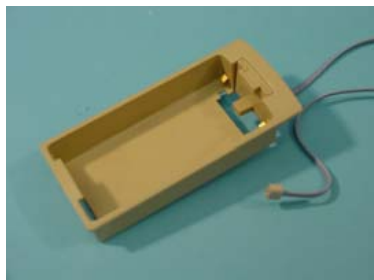
Measures: 81L x 28W x 17H mm.

Requires one MC90 battery receptacle or the Bock 757Z103 receptacle

Use with the BC90 Dual Fast Charger

Removable Battery Mounts:

Below are the battery receptacles required for the removable batteries shown above. Each of these receptacles are supplied with a cable and Bock-style 2-socket power connector.



MC72 Battery Receptacle for BP72 Removable Battery

Supplied with cable and 2-socket Bock-style power connector



MC90 Battery Receptacle for BP90 Removable Battery

Supplied with cable and 2-socket Bock-style power connector