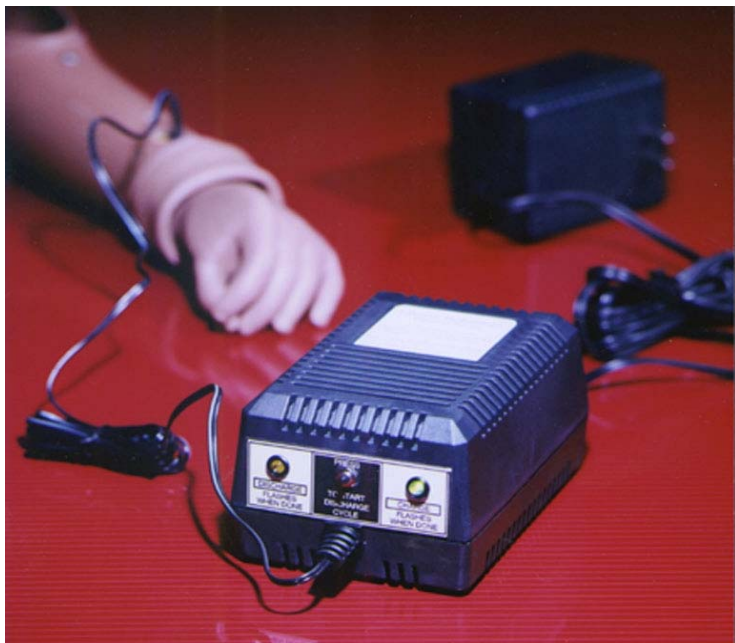


Battery Chargers and Evaluators



LTI Fast Charger

- **Charges Ni-Cd battery packs in less than an hour**
- **Provides maximum charge**
- **Tops-off partially discharged batteries**
- **Optional discharge button to erase battery “memory”**
- **Indicates charge status**
- **Detachable transformer & adapter for in-car use**
- **European wall transformer is available**
- **Charger-Evaluator model**

The LTI Fast Charger features intelligent circuitry that rapidly charges nickel-cadmium (Ni-Cd) battery packs from LTI, RSLSteeper, or Otto Bock to their maximum charge capacity. The Fast Charger's control circuitry continuously monitors the battery's charge status, and terminates the fast charge when the battery reaches maximum voltage. It then trickle-charges the batteries, topping them off to their maximum capacity. This topping-off process is healthy for batteries. It generally results in a higher level of charge, providing more operating time on the prosthesis.

When Ni-Cd batteries are not fully exercised, they may develop a “memory,” which effectively reduces their maximum charge capacity to the lower level habitually used. To avoid this loss of capacity and ensure that the cells can always provide their full charge, LTI Fast Chargers have a button that discharges the battery cells to a safe level before recharging. Two or three discharges per month generally prevents the memory problem.

The unit is equipped with indicator lights that tell what mode it's in and the state of charge. The charger can also detect and indicate a bad cell in the battery pack. Each Fast Charger unit is supplied with a detachable, UL-approved power transformer for general use, and an automotive cigarette lighter adapter for charging battery packs in a vehicle.

Type-S built-in batteries are configured with the cells in a compact bundle. They have a separate on/off switch and recharge connector, which can be placed remote from the cells. Fast Chargers for built-in batteries will be supplied with the newer S-Type connector unless otherwise specified. Order the appropriate battery and charger combination.

Nickel-Cadmium Battery Chargers



BC03 Fast Charger, Otto Bock 6V Removable Batteries (757B8)
Supplied with Transformer (TR01) and Car Adapter (SC10)

Battery Chargers and Evaluators

Nickel-Cadmium Battery Chargers



BC05S Fast Charger, LTI 6V Built-in Batteries for BP16S, BP70S
Supplied with Transformer (TR01) and Car Adapter (SC10)



BC07S Fast Charger, LTI 4.8V Built-In Micro Batteries, for BP17S,
BP19S, BP60S and BP124S
Supplied with Transformer (TR01) and Car Adapter (SC10)



BC10S Fast Charger, LTI 6V 600 mAHr Built-in Batteries for
BP18S
Supplied with Transformer (TR01) and Car Adapter (SC10)



BC11S Fast Charger, LTI 8.4V Built-in Batteries, BP127S and
BP167S
Supplied with AC Transformer (TR03), but no Car Adapter (insufficient voltage from car).

Battery Chargers and Evaluators

Nickel-Cadmium Battery Chargers



BE255 Fast Charger for Boston Elbow, 12V

For 850-1100 mAHr batteries (BE250 and BE350). Universal input will accept 110-240V. Supplied with US computer-style line cord. A cord may be obtained locally during international travel.



BE256 Slow Charger for Boston Elbow, U.S. model, 115V AC

BE257 Slow Charger for Boston Elbow, U.K model, 220V AC

BE258 Slow Charger for Boston Elbow, European model, 220V AC

A 12V DC transformer to use as a backup for the heavier BE255 above.



BC21 Universal Charger-Evaluator for Ni-Cd batteries

Evaluates battery condition and reports battery capacity. Supplied with one battery Cable (below) and wall-mounted Transformer (TR04)

BC124 Cable for 4.8V, 225-260 mAHr Ni-Cd battery

BC125 Cable for 6 V, 225-260 mAHr Ni-Cd battery

BC125B Cable for 6 V, 260 mAHr Bock Ni-Cd battery

BC127 Cable for 6 V, 600 mAHr Ni-Cd battery

BC165 Cable for 8.4 V, 250-260 mAHr Ni-Cd battery

BC167 Cable for 8.4 V, 600 mAHr Ni-Cd battery

BC250 Cable for 12V, 850-1100 mAHr Ni-Cd battery

Lithium-ion Battery Chargers



BC90 Fast Charger for Li-ion removable batteries, BP90

Supplied with 12V DC Transformer (TR01) and Car Adapter (SC10)

Battery Chargers and Evaluators



BC96 Fast Charger for Li-ion Built-in's BP96, BP97 & BP98
For 2-cell BP99 6V Battery. Universal input will accept 110-240V. Supplied with US computer-style line cord. A cord may be obtained locally during international travel.



BC92 Fast Charger, Li-ion Compact 5/6V Batteries, BP92 & BP93
Supplied with 9.5V DC Transformer (TR05)



BC94 Fast Charger for Li-ion Built-in 5/6V Batteries, BP94 & BP95
Supplied with 12V DC Transformer (TR01) and Car Adapter (SC10)



BC99 Fast Charger for Li-ion Built-in Batteries, BP99
For 3-cell BP99 10V Battery. Universal input will accept 110-240V. Supplied with US computer-style line cord. A cord may be obtained locally during international travel.

Battery Chargers and Evaluators

Power Transformers



TR01 Power Transformer, U.S., 115V AC, UL Approved (shown)
With 12V DC, 1A output as supplied with chargers BC03 to BC10S, BC90 & BC94
above (not supplied with BC11S, BC21 or BC92).

TR02 Power Transformer, European, 240V AC
Can be ordered to replace TR01 above for European travel.



TR03 Power Transformer, U.S., 115V AC, UL Approved
With 13V AC, 800mA output as supplied with Fast Charger BC11S only.



TR04 Power Transformer, U.S., 115V AC, UL Approved
With 12V DC, 3A output as supplied with Charger-Evaluator BC21 only.



TR05 Power Transformer, U.S., 115V AC, UL Approved
With 9.5 V DC, 1A output as supplied with BC92 Charger only

Battery Chargers and Evaluators



SC10 Car Adapter
Supplied with 12V DC powered chargers above.

Note: BC05, BC07, BC08, and BC10 Fast Chargers are also available for older non-S-Type batteries.

non-S-Type connector



S-Type connector

