

Batteries

Lithium-ion Batteries

Lithium-ion battery chemistry offers significant performance improvements over Nickel-Cadmium. In addition to much greater capacity, Li-ion batteries are smaller and lighter. Generally, Li-ion provides almost twice the capacity of Ni-Cd batteries and weighs about 25% less with 15% greater voltage. These batteries have a charge/discharge protection circuit to assure that they are neither over-charged nor over-discharged. Lithium-ion chemistry is most suitable for prosthetic devices such as hands and wrist rotators drawing less than 2A.

5 Volt Regulated Li-ion Batteries



BP93 Compact-5 Li-Ion Battery, 5V 500 mAHr.

For use with Otto Bock 2000 systems. With discharge protection circuit and state-of-charge indicator. For use with standard or shallow battery receptacles (BM92 & BM93). Measures: 2.13Lx1.0Wx0.8H inches (54Lx25Wx20H mm) and weighs 49g.

Use with BC92 Fast Charger. Manufactured by RSL Steeper.



BP95S Built-in Li-Ion Battery, 5V, 500 mAHr

Includes Recharge/On/Off Switch Module, BP011, with discharge protection. Requires one of the MC30 series Battery Adapters and a BC93 Fast Charger.

BP95SP Built-in Li-Ion Battery, 5V, 500 mAHr

Includes Recharge/On/Off Switch Module with programming connector, BP012, with discharge protection. Requires one of the MC30 series Battery Adapters and a BC93 Fast Charger.

BP95's weigh 49g and measure 0.87"x1.06"x2.2" (22x27x56mm)



BP97S Built-in Li-Ion Battery, 5V, 720 mAHr

Includes Recharge/On/Off Switch Module, BP009, with discharge protection. Measures: 2.1Lx1.13Wx0.75H inches (54Lx25Wx20.2H mm). Requires one of the MC30 series Battery Adapters and a BC96 Fast Charger.

BP97SP Built-in Li-Ion Battery, 5V, 720 mAHr

Includes Recharge/On/Off Switch Module with programming connector, BP010, with discharge protection. Dimensions are the same as BP91S above. Requires one of the MC30 series Battery Adapters and a BC96 Fast Charger.

BP97's weigh 50g and measure 0.7"x1.13"x2.1" (18x29x53mm)

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6.5 Volt Regulated Li-ion Batteries

These batteries output a regulated voltage of 6.5V until they are about two thirds discharged. They have approximately twice the capacity of the original Otto Bock 757B8 Ni-Cd battery. Therefore, one of these batteries is generally a suitable substitute for two Bock Ni-Cd batteries.



BP90 Li-Ion Replacement for Bock Battery, 6.5V 560 mAHr.
With discharge protection circuit and state-of-charge indicator.
Measures: 3.2Lx1.12Wx0.66H inches (81Lx28.5Wx17H mm) and weighs 51g.
Fits the same Bock mount as the familiar 757B8 battery. Use with BC90 Fast Charger. Manufactured by RSLSteeper.



BP92 Compact-6 Li-Ion Battery, 6.5V 500 mAHr.
With discharge protection circuit and state-of-charge indicator.
Offered with standard or shallow battery receptacles (BM92 & BM93).
Measures: 2.13Lx1.0Wx0.8H inches (54Lx25Wx20.2H mm) and weighs 49g.
Use with BC92 Fast Charger. Manufactured by RSLSteeper.



BP96S Built-in Li-Ion Battery, 6.7 V, 720 mAHr
Includes Recharge/On/Off Switch Module, BP007, with discharge protection. Measures: 2.1Lx1.13Wx0.75H inches (54Lx25Wx20.2H mm).
Requires one of the MC30 series Battery Adapters and a BC96 Fast Charger.

BP96SP Built-in Li-Ion Battery, 6.7 V, 720 mAHr
Includes Recharge/On/Off Switch Module with programming connector, BP008, with discharge protection. Dimensions are the same as BP91S above.
Requires one of the MC30 series Battery Adapters and a BC96 Fast Charger.
BP96's weigh 50g and measure 0.7"x1.13"x2.1" (18x29x53mm)



BP94S Built-in Li-Ion Battery, 6.5 V, 500 mAHr
Includes Recharge/On/Off Switch Module, BP011. Requires one of the MC30 series Battery Adapters and a BC93 Fast Charger.

BP94SP Built-in Li-Ion Battery, 6.5 V, 500 mAHr
Includes Recharge/On/Off Switch Module with programming connector, BP012.
Requires one of the MC30 series Battery Adapters and a BC93 Fast Charger.
BP94's weigh 49g and measure 0.87"x1.06"x2.2" (22x27x56mm)

Batteries

8.4V Unregulated Li-Ion Built-in Batteries

Use these batteries with any newer Bock hand that will accept the 757B20 or 757B21 battery. Like the Bock batteries the voltage falls during the day. Bock compensates for this with their new hand circuits.



BP98S Built-in Li-Ion Battery, 8.4 V, 720 mAh
Includes Recharge/On/Off Switch Module, BP011, with discharge protection. Measures: 2.1Lx1.13Wx0.75H inches (54Lx25Wx20.2H mm). Requires one of the MC30 series Battery Adapters and a BC96 Fast Charger.

BP98SP Built-in Li-Ion Battery, 8.4 V, 720 mAh
Includes Recharge/On/Off Switch Module with programming connector, BP012, with discharge protection. Dimensions are the same as BP98S above. Requires one of the MC30 series Battery Adapters and a BC96 Fast Charger.

10 Volt Built-in Li-ion Batteries

Must be used with the VariGrip™ III Controller or other circuit that limits stall current to the hand.



BP99S Built-in Li-Ion Battery, 10 V, 720 mAh
Includes Recharge/On/Off Switch Module, BP013, with discharge protection. Dual-cell unit measures: 2.1Lx1.13Wx0.75H inches (54Lx25Wx20.2H mm). Single cell measures: 2.1Lx1.13Wx0.75H inches (54Lx25Wx20.2H mm). Requires an MC30 series Battery Adapter and a BC99 Fast Charger.

BP99SP Built-in Li-Ion Battery, 10 V, 720 mAh
Includes Recharge/On/Off Switch Module with programming connector, BP014, with discharge protection. Requires one of the MC30 series Battery Adapters and a BC99 Fast Charger.