

productinfo

Suggestions for batterycare

Powerbox 900

First Use

Before using the Powerbox 900 for the first time, we recommend to fully charge the unit.

A full battery capacity cannot be expected during the first discharge of the battery, this becomes available only after the battery has been fully recharged.

After use

It is best to recharge the Powerbox 900 directly after use on the same day.

Disconnect the charger from the Powerbox 900 at the latest after 8 hours. Normally the Powerbox 900 is fully charged after 3 hours.

The storage

Always store the Powerbox 900 fully charged.

A stored Powerbox 900 should be recharged every 3 months.

Store the Powerbox 900 in a cool and dry storage room.

A word on performance

Regularly used Powerbox 900 achieve a better power output (more flashes)

Whenever possible avoid full discharge cycles to reduce wear. Use a discharge level of 50 %, but recharge more frequently.

Additional information

The Powerbox 900 does not show any particular “memory effect” i.e. even when it is partly charged, it can be used without problems, and does not need to be regularly discharged. Ensure, however, that the battery package never discharges exhaustively.

Batteries do not last forever

Batteries automatically lose capacity during their service life, as they are subjected to a natural ageing process (chemical process) resulting in a loss of capacity and reduced efficiency.

Typical symptoms of an end of life battery:

- Rapid loss of power after a complete charge
- Noticeable reduction of number of flashes

For this reason, we advise you to have the batteries of the Powerbox 900 checked by a service station at the latest after 3 years, and to replace them, if required.

The charging process

The charger (36.128.XX) charges the Power Box 900 in multiple levels, which are displayed by the integrated LED:

- **LED red:** The battery is empty
- **LED yellow:** The battery is being charged in quick charge mode up to approx. 80 of full charge, duration depending on status of charge, up to about 2 hours
- **LED green:** The battery is being recharged slowly to 100 % (duration up to about 3 hours) and then kept on charge conservation

Best regards

Bron Elektronik AG

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