

# productinformation

## Recommendations for the care of lithium batteries Mobil A2L

### Initial operation

Before initial operation, it is absolutely necessary to fully charge each lithium rechargeable battery of the Mobil power pack.

A full battery capacity cannot be expected at the first discharge; this becomes available only after the battery has been fully charged again.

### After use

Fully recharge the lithium battery of the Mobil on the same day.

Disconnect the charger from the mains supply **at the latest after 8 hours** (one night). Normally, the battery pack is fully charged after approx. 2.5 hours.

When a lithium battery is recharged immediately after use, the charging time can take up to 1 hour longer due to the inner temperature of the battery still being too high. The battery monitors this temperature and automatically initiates the charging process.

### Storage

Always store the battery pack fully charged.

When not in use for a longer period of time, store the battery pack separately from the power pack.

A stored battery pack should be fully recharged at least every 3 months.

Store the battery in a cool and dry room.

### Performance

Regularly used batteries attain an enhanced power output (more flashes).

The battery does not show any „memory effect“ i.e. even when it is only partly charged, it can be used without problems and does not need to be regularly discharged.

## Transport of lithium batteries

For information concerning the transportation of lithium batteries, please refer to our special transport guidelines for lithium batteries. The guidelines can be accessed on our homepage ([www.broncolor.com](http://www.broncolor.com)) by the keyword *Conformity*.

## Rechargeable batteries do not last forever!

A lithium battery automatically loses capacity during its service life, which is unavoidable. Batteries are subjected to a natural ageing process (chemical process) and hence lose capacity, and consequently performance. Typical symptoms are:

- rapid loss of power after a complete charge
- noticeable reduction of the number of flashes

We therefore advise you to have the lithium batteries checked, after 3 years at the latest, by a service centre and have them replaced, if necessary.

## Charging

The charger charges the battery in several levels, which are displayed by the built-in LED:

- **LED red:** The battery is empty
- **LED yellow:** The battery is being charged in fast charge mode up to approx. 80 % of full charge.  
Duration, depending on charge status, up to about 1.5 hours
- **LED green:** The battery is being recharged gently to 100 % (charging requires up to 1 hour longer) and then held on charge conservation

If another lithium battery has to be recharged immediately afterwards, the charger must be disconnected from the mains supply for approx. 30 sec. The charger will thus be restored to its initial state and charges the next lithium battery without any delay.

Yours sincerely

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