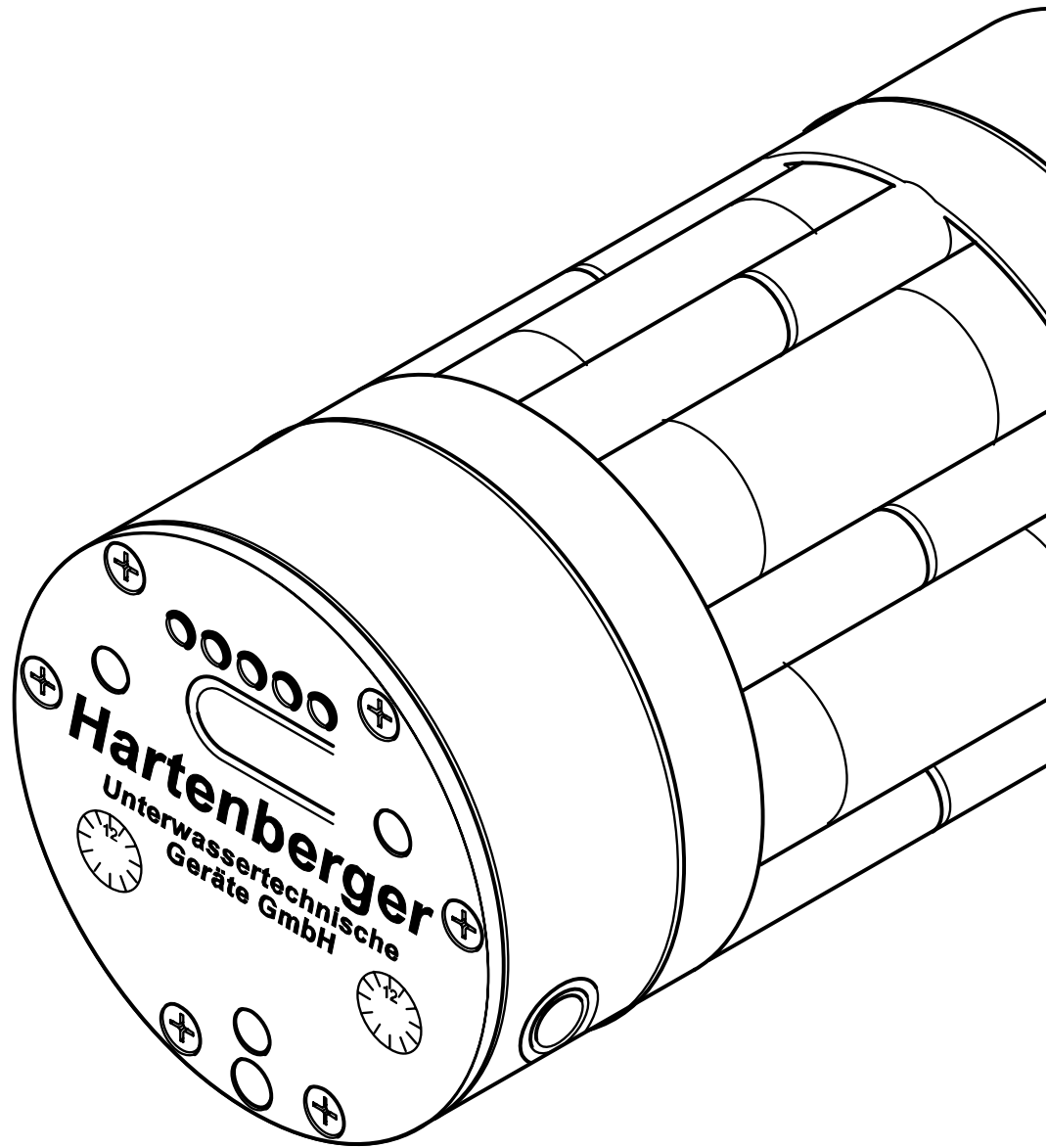


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***Lithium-Manganes-Cell-Pack
maxi compact
Video maxi
Tech maxi***

Lithium Manganese Cell pack 14,4V/5,4Ah

The Lithium-Manganese-Cell-Pack have a special micro controller monitoring electronic with five LED's on the backside. If you press the button on the backside, you can check the capacity of the cell-pack (each LED approx. 20%)

TECHNICAL SPECIFICATIONS

APPROX. BURN TIME IN MINUTES WITH LiMn-CELL PACK 14,4V/5.4Ah

Illuminant	12V/30W HLX	12V/50W HLX	12V/100W HLX
Gebrauchsdauer mit 50%	240	140	80
Gebrauchsdauer mit 75%	180	120	60
Gebrauchsdauer mit 100%	120	80	38
Gebrauchsdauer mit 125%	90	60	30

STORAGE

For extended periods of storage, the cell pack should be removed, (the halogen lamp removed from the socket and stowed) and the housing should be closed. Place the cell pack on a suitable surface (non sensitive) and store in a dry environment between 10° - 20°C (50 – 68°F). Under no circumstances should the lamp be subjected to temperatures above 45°C (110°F). If a cell pack is continuously stored at full charge and increased temperatures, the cell pack will suffer from an irreversible reduction of capacity of more than 10% per year.

If the cell pack is to be stored for an extended period of time, the cell pack should be stored at a low temperature with a capacity of 50-60%.

The irreversible loss of capacity due to natural loss of capacity over time can be reduced to as little as 3% with good care and attention. The lithium manganese cells are subject to a very small natural discharge (depending on the ambient temperature this is approx. 4-8% per month, and the electronic in the lamp that monitor the conditions result in approx. 3% discharge per month).



If the cell pack is stored for extended periods of time, it should be recharged every 4-6 months.

A completely discharged cell pack is protected by the electronic monitoring that prevents further charging. In this case, return the cell pack to the manufacturer for evaluation.

The charging process of the *maxi compact* with lithium manganese cells is monitored by the electronics in the cell pack. These electronics cut off the charging current when the cells are fully charged.

CHARGER OFF-SHORE II

LED 2 functional display when charging lithium manganese cells:

- | | |
|--------------|---|
| Red | No cell pack connected (pause).
Cell pack is fully discharged
Cell pack is 100% charged |
| Green blinks | Fast charge until the cells reach 100% |

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