



# *Li-Ion battery management*

How to extend battery life

Atlas Copco

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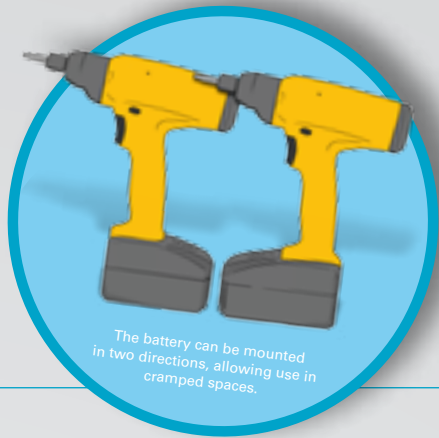
*Atlas Copco Lithium-ion batteries are designed for power – Providing excellent capacity even during heavy duty use.*

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**CHARGING**

Always read the Safety Information accompanying your battery when purchased to make sure the battery is handled in a correct way. Only use chargers approved by Atlas Copco. Normal charging time for a fully discharged battery depends on capacity, battery size and type of charger, see Safety Information for your battery type. Always charge batteries maintaining the safety distance prescribed in the Safety Information.





## USAGE

When changing the battery or attaching a new battery to the tool, make sure it is correctly attached. The batteries perform at their best around room temperature.

## HANDLING AND FIRST AID MEASURES

Batteries should always be handled with care, as they contain a lot of power and energy.



- Do not tamper with the batteries, try to open batteries, or touch the terminals
- Handle batteries with care to avoid dropping batteries on the ground or in other ways mechanically damage them
- Keep away from water or other liquids, heat sources such as fires etc at all times, and direct sunlight for extended periods of time
- If a battery shows signs of damage, scrap and replace it



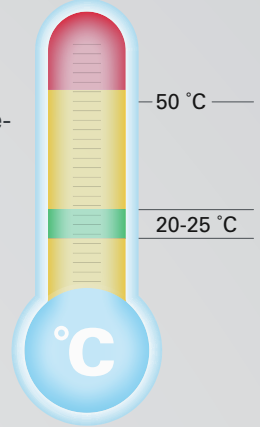
## SERVICE LIFE

Keep in mind that the battery ages even when not used. To achieve the longest possible service life, Use battery in temperatures within 10 °C to 40 °C at all times.

## STORAGE

Avoid storing batteries fully charged. To maximize service life, it is optimal to store the batteries at 30-40 % state-of-charge in the temperature range from 0 °C to 25 °C.

Here are some more tips on how to store batteries to maximize service life:



- Do not store your battery connected to the power tool for longer periods
- Maintenance charge batteries in storage, preferably every 6 months
- Do not store batteries in a regular refrigerator, as the high humidity is bad for the batteries

## RECYCLING

Recycling of batteries is extremely important and batteries should never be thrown away in a normal waste bin. Discharge batteries completely before recycling, and secure the contacts, by e.g. using electrical tape, to avoid short-circuiting.



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