

# Get up to speed with Lithium-ion.

## Advantages and tips for operation

- No maintenance required when compared with lead acid
- Li-ion batteries are easy to charge thanks to the comfort charging concept with no need to open a battery cover or door
- Benefit from 'opportunity charging' when truck is not in use
- A li-ion battery can be charged with any charger of the same voltage rating
- If the vehicle is out of operation for several days, please connect it with a charger to avoid deep discharge
- The battery should be fully charged at least once a month

## Safety aspects of Li-ion

- Jungheinrich uses lithium iron phosphate (LiFePO<sub>4</sub>), which is currently the safest cell chemistry
- Li-ion batteries do not gas or give off CO<sub>2</sub> emissions
- Ecologically, non-toxic and harmless
- All of our batteries have passed the UN transportation test
- Our in-house developed battery management systems ensure safe operation
- The enclosed design (IP54) protects the battery from outside influences
- Our well-trained technicians take care of transport and disposal of used lithium-ion batteries

**LI-ION**  
technology

