

Tips for handling Bosch eBike batteries



BOSCH
Invented for life

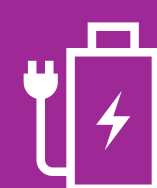
Energy source for eBikes

Bosch batteries provide the energy source for eBikes. They are complex in structure, have a high energy content and can cause danger as some ingredients are flammable.

If you charge, store and care for your battery correctly and follow a few other important tips, you will be safer on the road.

Below we give you 5 important tips on how to do this:

1 Charging



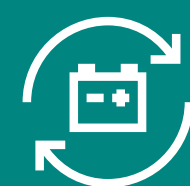
2 Storing



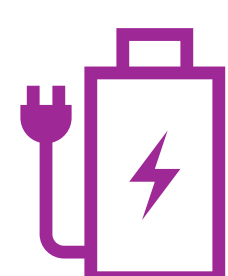
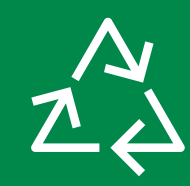
3 Maintaining



4 Exchange instead of repair



5 Recycling



Lithium-ion batteries age. This is normal. eBike batteries are no exception. If you follow these charging tips, your battery will accompany you for a long time on your journeys.

- ▶ Only use original Bosch chargers. These are perfectly matched to the Bosch eBike batteries.
- ▶ Only charge your battery in a dry area that's fitted with a working smoke detector.
- ▶ If possible, do not charge your battery unattended or overnight.
- ▶ Disconnect the charger and the battery from the mains after charging.
- ▶ If possible, do not completely empty your battery and preferably keep the charge level between 20 and 80%.



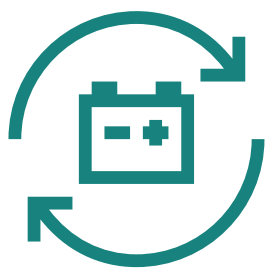
Bosch batteries sit firmly and securely in their mount, even when you are riding off-road. However, they can be easily removed for storage and then simply reinserted.

- ▶ To prolong the battery life, you should avoid strong sunlight on your battery and park the eBike in the shade or in a cool room on hot summer days.
- ▶ If you do not use your eBike for a longer period of time, e.g. in winter, it is best to disconnect the battery pack from the eBike and store it with a charge level of 30 to 60%. Store it in well-ventilated rooms with smoke detectors – preferably in the cellar or garage at an ambient temperature between 0 and 20 degrees Celsius.
- ▶ If you are transporting your battery for a longer period of time, e.g. taking the battery on holiday, you should ideally discharge it to approx. 30% and only fully charge it again at the destination.
- ▶ Handle your battery carefully and avoid direct impacts and hard shocks.



When handling Bosch batteries, you should observe the following:

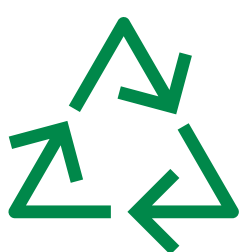
- ▶ It is recommended that you clean your battery only with a damp cloth if it is very dirty. To do this, remove the battery from the frame and disconnect it from the charger.
- ▶ The best way to remove dust from the plug poles is to use a dry cloth. Grease them occasionally if necessary.
- ▶ Do not direct water jets at your battery and do not use a high-pressure cleaner. This also applies to the other electrical components on your eBike.



Similar to brake pads, for example, eBike batteries are also wearing parts and lose capacity over time. This can lead to everything from range problems to functional failures. But then what?

For safety reasons, faulty, old or “worn out” batteries should not be repaired or refreshed. A repair always entails an intervention in the safety mechanisms of the battery. If you want to be on the road again with full capacity, we recommend replacing it with a new original Bosch battery.

Note: The battery must not be opened!



To ensure that valuable raw materials can be reused at the end of their lifetime, your battery should be properly recycled.

In many countries, specialist dealers will accept your old or defective battery free of charge and take care of its proper disposal.

Safety is of the utmost priority for us.

At Bosch eBike Systems, we are constantly improving the robustness and reliability of our batteries with technical innovations and comprehensive testing. Our battery management system is built into all our batteries, constantly monitoring them, detecting potentially critical operating conditions and protecting the cells from overload.



You want more information about the eBike battery?

Find out more at:

bosch-ebike.com/battery-guide