



Description

How can I optimise my battery lifetime?

Recommendation

First: make sure you have installed the latest updates.

The battery pack uses the Ni-mh technology. To retain an optimum capacity (30h) it is recommended to use it as follows:

Regular user (once a month or more): Connect your TRM to its loader each time you come back from a ride or 20h prior to your next long ride.

Less frequent user (less than once a month): Fully load your TRM once a month and at least 20h prior to your next ride. Note that to conduct adequate loading, you should (re-)connect the loader and wait for the TRM to switch off by itself (see the remaining loading time in the TRM's Configuration/Battery menu). Keeping the loader permanently connected to the TRM does not ensure proper loading beyond 20h.

Note: The minimum and maximum voltage of the battery pack (displayed in the TRM's Configuration/Battery menu) are $\pm 4,50V$ for an empty pack and $\pm 5,20 \dots 5,60V$ for a fully loaded pack.

If your battery pack does not offer a capacity close to the 30h anymore, we recommend that you return it to your reseller for the installation of the acquisition and installation of a replacement pack. Note that the number of blocks on the battery indicator are only indicative.

For a permanent supply from the vehicle, you may consider acquiring a permanent power supply cord (Ref. 6104 or 6104b according to need). When connected to the vehicle's power source, and the Vehicle power flag has been set ON in the RoadMaster configuration parameters, RoadMaster will maintain the batteries to a MINIMAL load. If you plan on disconnecting the RoadMaster for an autonomous usage, it is recommended to perform a complete loading of the battery with the loader (remove the Vehicle power flag in the RoadMaster configuration parameters).