TECHNICAL BULLETIN

Extender operation with AVINOX M1 / M2 / M2S

Versions tested as of 23/10/2026

00.11.03.04
01.02.30.11
01.02.37.02
01.02.30.01

Models: EDC12SAW, EDC14SAW and EDB10BAW

Scope: Information based on tests carried out by Enduracing eBike with the software versions indicated.

1. Operating procedure

With all these device versions, the EDS12CAW, EDS14CAW and EDB10BAW extenders are operating correctly without generating any errors. The recommended procedure is: switch on the e-bike first, then switch on the extender. When finishing, switch off the extender first and then the e-bike.

2. What should you do if a connection error appears?

If a battery connection error appears while using the extender, stop assistance and switch off the system. Then switch the e-bike on first, followed by the extender. If the error persists, continue the journey using only the e-bike battery, stop using the extender and contact Technical Assistance.

3. Possible future AVINOX updates

This procedure is based on tests carried out with the device versions listed above. A future manufacturer update could change the system's behaviour and affect extender compatibility or operation. Enduracing eBike cannot guarantee that the described behaviour will remain the same after software changes outside its control.

Before updating the e-bike, consider that a software change may affect the operation of external accessories. The decision to install future updates is yours alone. Enduracing eBike will not be responsible for software changes made by the manufacturer; for this reason, we would be exempt from any product change or refund.

4. What does an extender do?

An extender is designed to increase range and allow you to travel more kilometres. It does not provide more motor power or increase the bicycle's maximum speed. It is not designed for racing or for subjecting the e-bike to demands beyond those specified by its manufacturer. Always use the bicycle within its specifications and operating limits.

5. Different e-bike brands and models with AVINOX drive systems

As each manufacturer uses different positions for the charging ports on e-bike frames and for the connector (locking tab), we recommend calling us so we can check the layout and available solutions for each model. Not all e-bikes position these components in the same way.

The information in this bulletin reflects tests carried out to date and may be affected by future manufacturer software changes.