

# icon Battery Guard 8.0

## ▶ Battery controller



**Energy. Endurance. Performance.**

## ▶ Battery controller with wireless communication



In today's world it is necessary to have constant availability of your electric powered forklifts. Safe, reliable and efficient use of your traction motive power equipment is an absolute requirement.

The icon Battery Guard 8.0 records and collects all relevant data events between the lift truck, battery and charger. These recorded events are retrieved into a computer through wireless communication.

Controlling the charging and discharging activity as well as monitoring the battery temperatures and the electrolyte levels are important measures to ensure the maximum operating time of the vehicle fleet at all times. In the constantly growing leasing and rental business, recording the battery data and monitoring the battery condition is critical.

In order to measure the battery current, the icon Battery Guard 8.0 has a current measuring head, which can be opened and fitted to any flexible inter-cell connector or termination lead. The overall voltage measurement with automatic voltage detection (range 18 - 150V DC) is performed on the pole terminals of the battery.

The sensors for battery temperature and electrolyte level control are wired to the icon Battery Guard 8.0. The temperature probe is inserted between the center cells of the traction battery and the installation of the electrolyte level sensor is achieved by inserting the temperature probe through a drilled hole on the top of the cell's cover.

## SYSTEM FEATURES

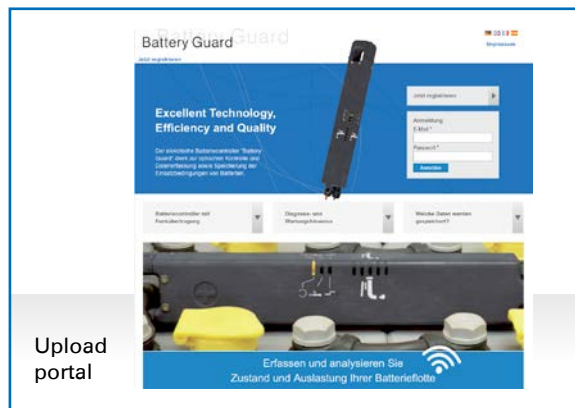
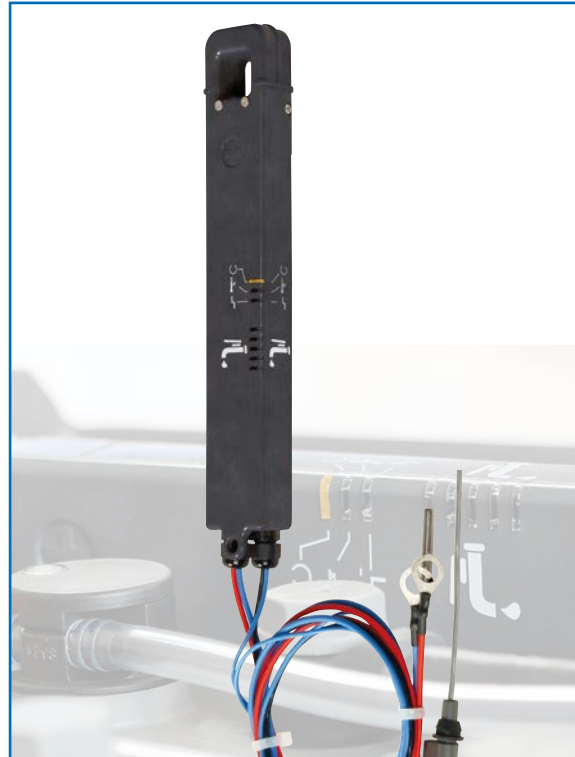
- ▶ **Wireless communication** - the relevant operating data in the interaction between industrial truck, traction battery and charger can be recorded, stored and retrieved.
- ▶ **High storage capacity** - storage of 2,000 discharge and charge data events with date, time and duration.
- ▶ **Colored LED displays** - signals mode of operation, battery temperature, fault and low electrolyte level.
- ▶ **Robust housing**
- ▶ **Easy Installation** - no special tools required.
- ▶ **Easy retrieval and processing of stored data:**

Wireless upload through a USB port.

Data transfer to a laptop / PC.

Data transmission within the customer's own network.

- ▶ **Upload portal** - your saved data can be uploaded at [www.iconbatteryguard.de](http://www.iconbatteryguard.de). Your individual report is generated from this data.
- ▶ **info Battery Guard software** - the data from the battery can be prepared into a spreadsheet and thoroughly analyzed.



Upload portal



Report



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