



SMART BATTERY INTERFACE (SBI)

The dashboard displays the following information:

- Voltage:** A circular gauge showing a reading of 31.4 V.
- SoC (State of Charge):** A circular gauge showing a reading of 63.5%.
- Temp. PCB:** A linear scale showing a reading of 26.9 °C.
- Temp. Batt.:** A linear scale showing a reading of 23.7 °C.
- SoH (State of Health):** A heart icon and a color-coded bar showing approximately 95% health.
- Cycles:** A battery icon with a refresh symbol and a display showing 5 cycles.
- Technical Data:** Art. No.: 10.00003.04, Serial No.: 4316092686, Manufacturing Date: 20.06.2017, Design Cap.: 3400 mAh, Nominal Voltage: 33,6 V.
- Capacity:** Rem. Capacity: 2159 mAh, Full Capacity: 3400 mAh.
- Connection:** A switch labeled ON/OFF, currently in the ON position.

POWER WHEREVER YOU WANT

INTRODUCTION:

The Smart Battery Interface (SBI) software is the easy communicator tool for all designers and service mechanics working with Smart Battery Solution (SBS) batteries and battery management system (BMS).

SBI allows to test, update an communicate with SBS batteries. Software updates and feedback of the battery lifetime data can be realized quickly

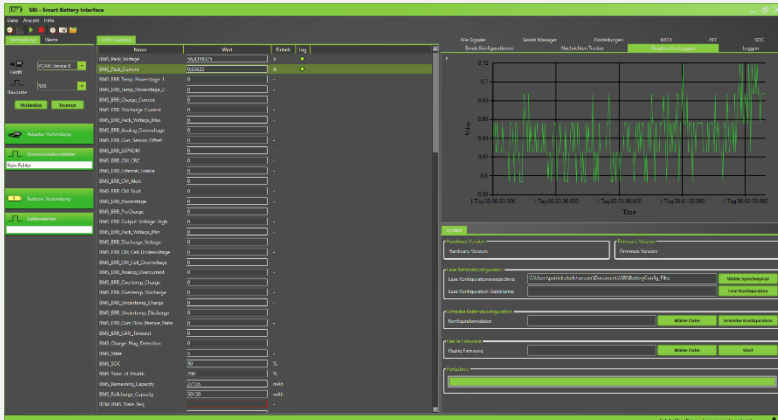
HARDWARE:

- Small and lighth weight interface box
- Compatible communications

I²C

CAN-BUS

SM-BUS



YOUR BENEFITS:

- Same Software for development and service
- Different desktops für different users (development, service, customer)
- Batteryfirmware updates via bootloader
- Parametrization of BMS (Battery-Management-System)
- Real-time-data for testing e.g. current, SOC (State of charge), battery temperature
- Cycle and lifetime data (depending on BMS, e.g. max values)
- Logging function of real-time-data
- and much more

AVAILABLE SOON:

- Smart Phone App
- Cloud-service



ABOUT US

We coordinate all phases of the project for your success. Various departments are involved which focus on construction, project management, hardware and software. Design, toughness and functionality merge at the highest level - „Made in Germany“.

Through our efforts to continuously improve our processes, we have been able to establish production facilities, tools and processes, which will leave no open questions concerning efficiency and effectiveness.

SBS PERFORMANCE:

- BATTERYSYSTEMS
 - PRODUCTION
 - DEVELOPMENT
 - CELLS
 - CONSTRUCTION
 - CHARGER
 - CONSULTING
 - WORKFLOW
-



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