

# SMART BATTERY INTERFACE (SBI)



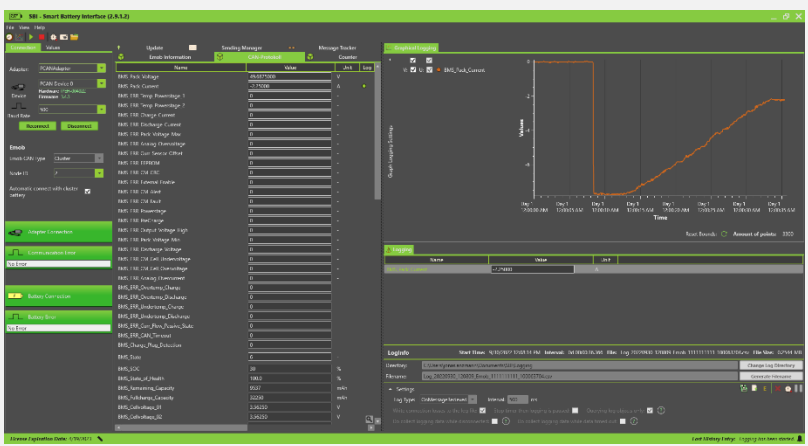
# INTRODUCTION:

The Smart Battery Interface (SBI) software is the easy communicator tool for all designers and service mechanics working with Smart Battery Solutions GmbH (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 light weight interface box
- Supported communications
  - I<sup>2</sup>C
  - CAN-BUS, CANopen
  - SM-BUS



## YOUR BENEFITS:

- Same software for development and service
- Different desktops für different users (development, service, customer)
- Battery firmware updates via bootloader
- Parametrization of BMS
- 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



# 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.

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## SBS PERFORMANCE:

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



Smart Battery Solutions GmbH  
Lindigstraße 8a  
63801 Kleinostheim

Fon 0 60 27 - 99 08 130  
[smart-battery-solutions.de](http://smart-battery-solutions.de)

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