

Batterymanagementsystem D-BMS60

for E-Mobile applications

The steady electrification of vehicles and the associated increase in the use of lithium batteries as energy storage requires constant innovation in the field of battery management. The Deutronic D-BMS60 Battery Management System has been developed under the proviso to meet exactly these requirements.

Benefits

- Longer battery lifetime because of active controlled charging and discharging process as well as monitoring of each individual cell in terms of current / voltage / temperature etc.
- Higher effective range in the application as a fact of intelligent cell management
- Enormous shortened charging times by high balancing current



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elektronik gmbh

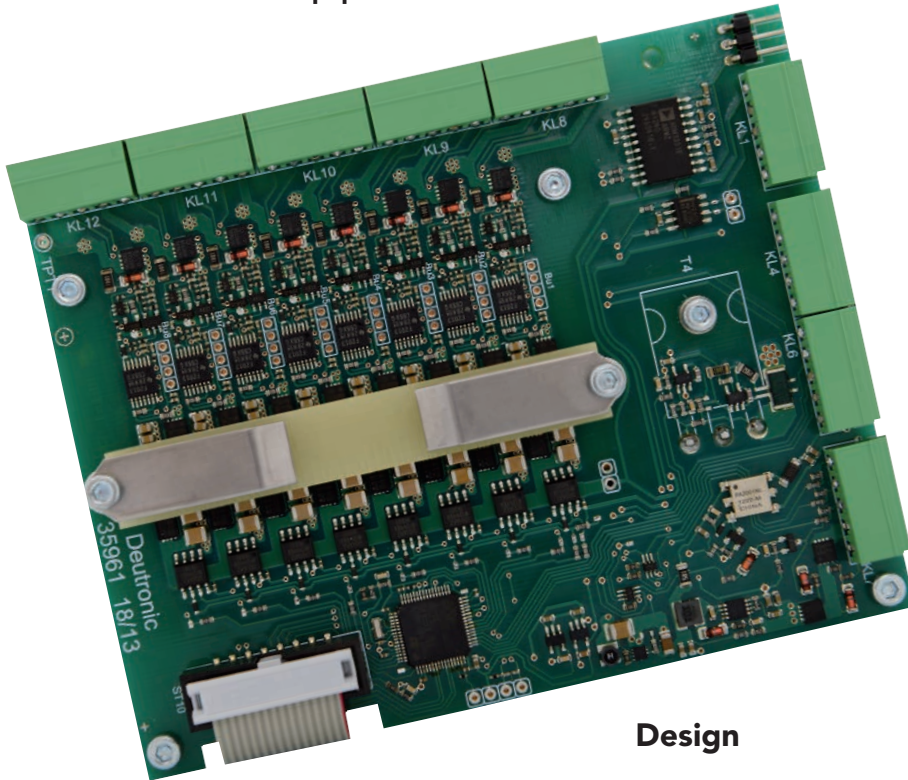
Power-Supplies-Electronics ■ Test- and Measurement Systems ■ EMC-Lab

EDWANZ group

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Design

- Batterymangement for 1..n cells / all Li-xx types of batteries
- Active energymanagement (no destruction of energy)
- Free parameterization of the battery and application parameters via software tool
- Safe disconnection of the battery from the application
- Several interfaces possible (e.g. USB, CAN, Serial etc.)

Technical data

Supply voltage (from battery)	3 .. 60VDC
Balancing current / cell	max. 1A
Dimensions (W x D x H)	115 x 50 x 125 mm
Weight	879 g
Safety feature (Option)	Current shutdown in case of error up to 400A



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