



DBL1200HV

As a result of various innovations in battery technology, new requirements for the charging technology occur. Newly developed lithium ion high-voltage batteries for electric and hybrid vehicles have entirely new charging characteristics and bring much higher demands on monitoring and safety. To meet these requirements Deutronic has developed the Battery Conditioning and Diagnostic System for high voltage battery modules DBL1200HV-60.

This allows a user the conditioning of a single battery module to a desired charging height. To ensure the safety of the module during the conditioning process, relevant parameters such as temperatures and cell voltages are permanently monitored and displayed in case of error.

The module conditioning is recommended in repository to extend the lifetime of an unused battery module. Furthermore, the exchange of individual battery modules of an entire high-voltage battery system is made possible by the module-related treatment.

Security Features:

- Automatic detection of the number of cells of the battery module
- Identification of a battery module on different resistance encodings
- Single cell voltage monitoring
- Cell temperature monitoring
- Detection of defect cells
- Additional functionality available on request



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09/2014

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Construction

- Touch protection of all parts with terminal / module voltage
- Included handle and preparation for wall mounting
- Serial interface (USB mini B) for firmware update
- 37-pin signal interface for battery monitoring
- Touch field for navigation
- OLED-Display
- LED-Operation indicator

Technical Data

Input voltage	100–240VAC wide range input, 50–60Hz
Output voltage	max. 67VDC
Charge power	max. 1200W
Discharge power	120W
Dimensions (W x D x H)	340 x 295 x 146,5 mm
Weight	ca. 8 kg



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