

Certificate



Functional
Safety

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No.: 968/FSP 1520.01/17

Product tested	Battery Management System (BMS) of the C11CB powertrain	Certificate holder	BEIJING ELECTRIC VEHICLE CO., LTD. No.5, Zonghuan Zhonglu Beijing Economic & Technological Development Area Beijing, 100176 P.R. China
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Type designation	BMS of the C11CB powertrain Type: C11CB_BMS HW Version: BMS_H022 SW Version: BCU/V2.0/BJEV_BCU_TC234_ASILC_3P1.sre (CRC: 0x 0040D731) BMU1/V1.8/TMS570_BMU_SAFETY1.hex (CRC: 0x D2117549) BMU2/V1.8/TMS570_BMU_SAFETY2.hex (CRC: 0x E6BE2317) BMU3/V1.8/TMS570_BMU_SAFETY3.hex (CRC: 0x 4E42CE4C)
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Codes and standards	ISO 26262 Parts 1-9:2011 (excl. Part 7)
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Intended application	The battery management system of the C11CB powertrain (Type: C11CB_BMS) as listed above complies with the requirements of ISO 26262. The highest automotive safety integrity level of the related requirements complies to ASIL C.
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Specific requirements	-
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The C11CB is an electric vehicle with a rated power of 15 kW reaching a vehicle speed of up to 110 km/h. The energy storage is a 16 kWh re-chargeable battery. To increase the maximum driving range, the vehicle supports energy recovering while braking. The C11CB powertrain, including the battery management system (BMS), the motor control unit (MCU) and the vehicle control unit (VCU) is specifically designed for C11CB electric vehicle models.

Valid until 2022-12-11

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 1520.01/17 dated 2017-12-11.

This certificate is valid only for products which are identical with the product tested.

TÜV Rheinland Industrie Service GmbH
Bereich Automation
Funktionale Sicherheit
Am Grauen Stein, 51105 Köln

Köln, 2017-12-11

Certification Body Safety & Security for Automation & Grid

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