



Type Approval Certificate

Germanischer Lloyd

This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No. **4448307 HH**

Company **Robert Bosch GmbH**
Auf der Breit 4
76225 Karlsruhe, GERMANY

Product Description **Valve Regulated Lead Acid accumulators, AGM technology, Series from 60 to 105 Ah (C20), 12 Volt**

Type **S 6 High Tec : 60; 70; 80; 95; 105 Ah**
S6 AGM Deep Cycle : 65; 85; 100 Ah

Environmental Category **D**

Technical Data / Range of Application **Sealed, maintenance-free VRLA-batteries (Valve Regulated Lead Acid), with grid plates and with Absorbent Glas Mats (AGM).**
The 12 V block batteries can be combined to battery-sets with the desired voltage.

Application: General power supply on board of ships and marine facilities. Also suitable for high current discharging as for electrical starting of combustion engines.

For charging conditions manufacturer's instruction shall be considered.

Manufacturer: Johnson Controls Sachsen-Batterien GmbH & Co. KG

Test Standard **Guidelines for the Performance of Type Approvals Part 2, Edition 2003**

Documents **Data sheet of VB Autobatterie (44216-07 HH)**
Test reports : Johnson Controls 29.11.2006; Tüv Nord 16.05.2006

Remarks **None**

Valid until **2012-03-06**

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File No. **I.M.01**

Hamburg, 2007-03-07

Type Approval Symbol



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Jürgen Wittburg

Heinz Tobaben

This certificate is issued on the basis of "Regulations for the Performance of Type Tests, Part 0, Procedure".