

Type Approval Certificate



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. 37 068 - 12 HH
Company VB Autobatterie GmbH & Co. KGaA
Am Leineufer 51
30419 Hannover, GERMANY

Product Description Lead Acid Accumulator

Type Varta Professional DC (Deep Cycle)

Environmental Category A

Technical Data / Voltage 12V

Range of Application

Battery Capacity	LFD 60	51Ah (5h)	60 Ah (20h)
	LFD 75	64Ah (5h)	75 Ah (20h)
	LFD 90	77Ah (5h)	90 Ah (20h)
	LFD 140	119Ah (5h)	140 Ah (20h)
	LFD 180	153Ah (5h)	180 Ah (20h)
	LFD 230	196Ah (5h)	230 Ah (20h)

Sealed, maintenance free flooded batteries
General power supply on board ships and marine facilities. Also suitable for high current discharging as for electrical starting of combustion engines.
12V blocks can be combined to battery sets with desired voltage and/or capacity

Manufacturer: Johnson Controls

Test Standard Guidelines for the Performance of Type Approvals Chapter 2, Edition 2003
EN 50342-1:2006

Documents Test report : GL Test note 37231 dated 2011-09-22
Data sheet: 2011

Remarks Charging conditions of the manufacturer have to be considered

Valid until 2017-03-05

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Type Approval Symbol



File No. I.M.01

Hamburg, 2012-03-07

Germanischer Lloyd

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