

# 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. 37 070 - 12 HH  
Company VB Autobatterie GmbH & Co. KGaA  
Am Leineufer 51  
30419 Hannover, GERMANY

Product Description Valve Regulated Lead Acid Accumulator  
AGM Technology

Type OPTIMA

Environmental Category A

Technical Data / Voltage 12V

Range of Application

Battery Capacity ( 20h)	38Ah	YT2.7	55Ah	BT DC4.2
	48Ah	YT3.7	66Ah	BT DC5.0
	55Ah	YT4.2	75Ah	BT DC5.5
	66Ah	YT5.0	44Ah	RT 3.7
	75Ah	YT5.5	50Ah	RT 4.2
	55Ah	YT2.1(6V)	50Ah	BT SLI 4.2
			50Ah	RT 2.1 (6V)

AGM Spiralcell Type  
Sealed, maintenance free VRLA batteries (Valve regulated Lead Acid)  
General power supply on board ships and marine facilities. Also suitable for high current discharging as for electrical starting of combustion engines.  
The 12V blocks can be combined to battery sets with desired voltage and/or capacity  
Manufacturer: Enertec, 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 2011-10-22  
Data sheet: June 2005

Remarks Charging conditions of the manufacturer have to be considered

Valid until 2017-03-06

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Type Approval Symbol



File No. I.M.01

Hamburg, 2012-03-07

Germanischer Lloyd

  
Christoph Kutzner

  
Joachim Zipfel

This certificate is issued on the basis of "Guidelines for the Performance of Type Approvals Part 1, Procedure".