




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.	1170810 HH
Company	Exide Technologies GmbH Im Thiergarten 63654 Büdingen, GERMANY
Product Description	Sealed lead-acid accumulators EXIDE GEL with positive and negative electrodes of lead-calcium alloy in grid structure and with Gel-electrolyte.
Type	G 16, G 25, G 40, G 40 S, G 55, G 60, G 80, G 85, G 110, G 120, G 120 S, G 140, G 210, G 180 / 6 (16 ... 210 Ah)
Environmental Category	B
Technical Data / Range of Application	Suitable for all fixed and mobile electrical units in the charging / discharging mode as well as in continuous charging operation for uninterruptible power supply systems on board of ships and marine facilities. At sufficient capacity also suitable for electrical starting of combustion engines. For charging conditions the manufacturer's instruction shall be considered. Rated Voltage: G 180 type 6 V, all other batteries 12 V Rated capacity: 16 ... 210 Ah (C20)
Test Standard	Guidelines for the Performance of Type Approvals Chapter 2, Edition 2003 DIN EN 50342:2005
Documents	Exide data sheets of 2000-06-06
Remarks	Operating instruction of the manufacturer to be observed
Valid until	2015-08-04
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File No. I.M.01	
Hamburg, 2010-08-05	

Germanischer Lloyd

Wolfgang Voß

Joachim Zipfel

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