



Type Approval Certificate Extension

This is to certify that Certificate No. 02/60093(E3) for the under noted products is extended and renumbered as shown.

This certificate is issued to:

PRODUCER	Kohler Power Systems N7650 City Rd LS Sheboygan WI 53085 USA	
PLACES OF PRODUCTION	Kohler Power Systems N7650 City Rd LS Sheboygan WI 53085 USA	Kohler Power Systems, Ltd. Kohler Road, Xin Bei District Changzhou, Jiangsu 213032 China
DESCRIPTION	Marine Alternators	
TYPES	4S11, 4S15, 4UA9	
APPLICATION	Marine use.	
SPECIFIED STANDARDS	Rules and Regulations for the Classification of Ships Rules and Regulations for the Classification of Special Service Craft	

Certificate No. 02/60093(E4)
Issue Date 25 July 2013
Expiry Date 27 March 2018
Sheet 1 of 4

A. Munden



Lloyd's Register Canada Limited
5420 North Service Road, Suite 506, Burlington, Ontario, L7L 6C7, Canada

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.

G18-228 8/13

This is a copy of an electronic document. In the event of any conflict or ambiguity between the copy and the electronic document, which is retained and published by Lloyd's Register, the original electronic and certified version shall always prevail.

RATINGS

Model	Hertz	Alternator	Voltage	Phase	Output Power (kW)
100EFOZD	50	4S11	110/190	3	99
			110/220	3	99
			220/380	3	99
			230/400	3	99
			240/416	3	99
125EOZD	60	4S11	120/208	3	120
			120/240	3	120
			127/220	3	125
			139/240	3	125
			277/480	3	125
100EFOZC	50	4S11	110/190	3	99
			110/220	3	99
			220/380	3	99
			230/400	3	99
			240/416	3	99
125EOZC	60	4S11	120/208	3	120
			120/240	3	120
			127/220	3	125
			139/240	3	125
			277/480	3	125
125EFOZD	50	4S15	110/190	3	125
			110/220	3	110
			220/380	3	125
			230/400	3	125
			240/416	3	125

Certificate No. 02/60093(E4)

Issue Date 25 July 2013

Expiry Date 27 March 2018

Sheet 2 of 4



A. Munden

Model	Hertz	Alternator	Voltage	Phase	Output Power (kW)
150EOZD	60	4S15	120/208	3	150
			120/240	3	135
			127/220	3	150
			139/240	3	150
			277/480	3	150
125EFOZC	50	4S15	110/190	3	125
			110/220	3	110
			220/380	3	125
			230/400	3	125
			240/416	3	125
150EOZC	60	4S15	120/208	3	150
			120/240	3	135
			127/220	3	150
			139/240	3	150
			277/480	3	150
150EFOZD	50	4UA9	110/190	3	150
			110/220	3	150
			220/380	3	150
			230/400	3	150
			240/416	3	150
180EOZD	60	4UA9	120/208	3	180
			120/240	3	180
			127/220	3	180
			139/240	3	180
			277/480	3	180

Certificate No. 02/60093(E4)
Issue Date 25 July 2013
Expiry Date 27 March 2018
Sheet 3 of 4


 A. Munden

Model	Hertz	Alternator	Voltage	Phase	Output Power (kW)
150EFOZC	50	4UA9	110/190	3	150
			110/220	3	150
			220/380	3	150
			230/400	3	150
			240/416	3	150
180EOZC	60	4UA9	120/208	3	180
			120/240	3	180
			127/220	3	180
			139/240	3	180
			277/480	3	180

OTHER CONDITIONS

Installation of this equipment for marine applications is to be in accordance with the Rules and Regulations for the Classification of Ships.

"This Certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register of any modification or changes to the equipment in order to obtain a valid certificate."

The Design Appraisal Document No. 02/60093(E4) and its supplementary Type Approval Terms and Conditions form part of this Certificate.

All other details remain as the previous Certificate No.02/60093(E3) to which this extension should be attached.

Certificate No. 02/60093(E4)
 Issue Date 25 July 2013
 Expiry Date 27 March 2018
 Sheet 4 of 4


 A.Munden