

Type Approval Certificate Extension

This is to certify that Certificate No. 04/00018(E4) 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

4P7, 4P7.3

APPLICATION

Marine use.

SPECIFIED

Rules and Regulations for the Classification of Ships

STANDARDS

Rules and Regulations for the Classification of Special Service Craft

Certificate No.

04/60018(E5)

Issue Date

25 July 2013

Expiry Date

27 March 2018

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RATINGS

Model	Hertz	Alternator	Voltage	Phase	Output Power (kW)
6.5EFOZD		4P7.3	115/230	1	6.5
	50		230	1	6.5
			240	1	6.5
8EOZD	60	4P7.3	120	1	8
			120/240	1	8
7EFOZD		4P7.3	115/230	1	7
	50		230	1	7
			240	1	7
9EOZD	60	4P7.3	120	1	9
	60		120/240	1	9
9EFOZD		4P7.3	115/230	1	9
	50		230	1	9
			240	1	9
10EOZD	60	4P7.3	120	1	10
			120/240	1	10
11EFOZD	50	4P7.3	115/230	1	11
			230	1	11
			240	1	11
13EOZD	60	4P7.3	120/240	1	13
11.5EFOZD	50	4P7.3	110/190	3	11.5
			115/230	1	11.5
			115/230	3	11.5
			120/208	3	11.5
			230/400	3	11.5
			240/416	3	11.5

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Model	Hertz	Alternator	Voltage	Phase	Output Power (kW)
14EOZD	60	4P7.3	120/208	3	14
			120/240	3	14
			120/240	1	14
			127/220	3	14
			139/240	3	14
			277/480	3	14
13EFOZD		4P7.3	115/230	1	13
	50		230	1	13
			240	1	13
15.5EOZD	60	4P7.3	120/240	1	15.5
17EFOZD		4P7.3	115/230	1	17
	50		230	1	17
			240	1	17
20EOZD	60	4P7.3	120/240	1	20
		4P7.3	115/230	1	17
17EFOZD	50		230	1	17
			240	1	17
23EOZD	60	4P7.3	120/240	1	20
20EFOZD	50	4P7.3	110/190	3	19
			115/230	3	19.8
			115/230	1	16
			230	1	20
			240	1	20
			120/208	3	20
			230/400	3	19.8
			240/416	3	20

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Model	Hertz	Alternator	Voltage	Phase	Output Power (kW)
24EOZD		4P7.3	120/208	3	22.5
			120/240	3	22.5
	60		120/240	1	18.5
			127/220	3	23.3
			139/240	3	24
			277/480	3	24
4		4P7.3	110/190	3	25
			115/230	3	25
25EFOZD	1		115/230	1	25
			230	1	25
	50		240	1	25
			120/208	3	25
			230/400	3	25
	ļ		240/416	3	25
<u> </u>		4P7.3	120/208	3	28
			120/240	3	28
305070	60		120/240	1	28
28EOZD	60		127/220	3	28
			139/240	3	28
			277/480	3	28
28EFOZD	50	4P7	110/190	3	28
			115/230	3	28
			115/230	1	27
			230	1	28
			240	1	28
			120/208	3	28
			230/400	3	28
			240/416	3	28
			220/380	3	28

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Model	Hertz	Alternator	Voltage	Phase	Output Power (kW)
32EOZD	60	407	120/208	3	32
			120/240	3	32
			120/240	1	32
	60	4P7	127/220	3	32
			139/240	3	32
			277/480	3	32

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. 04/60018(E5) and its supplementary Type Approval Terms and Conditions form part of this Certificate.

All other details remain as the previous Certificate No. 04/00018(E4) to which this extension should be attached.

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