

## EU DECLARATION OF CONFORMITY

Product	Description
EPOD100	E-POD electric propulsion system 10kW

VETUS B.V. (manufacturer) hereby declares, under its sole responsibility, that the above products comply with the following relevant legislation:

EU legislation	Details
Directive 2014/30/EU (EMC) Conformity assessment module(s) A	Electromagnetic compatibility
Directive 2011/65/EU (RoHS) (as amended) Conformity assessment module(s) A	Restricting the use of certain hazardous substances in electrical and electronic equipment
Directive (EU) 2016/1629 (ES-TRIN 2023/1) <sup>(1,2)</sup>	Technical requirements for inland waterway vessels

### Used (harmonised) standard(s)

IEC 60533:2015 Electrical and electronic installations in ships - Electromagnetic compatibility, IEC 61000-4-2 Electromagnetic compatibility (EMC) - Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test, IEC 61000-4-3 Electromagnetic compatibility (EMC) - Part 4-3 : Testing and measurement techniques - Radiated, radio-frequency, electromagnetic field immunity test, IEC 61000-4-4 Electromagnetic compatibility (EMC) - Part 4-4: Testing and measurement techniques - Electrical fast transient/burst immunity test, IEC 61000-4-5 Electromagnetic compatibility (EMC) - Part 4-5: Testing and measurement techniques - Surge immunity test, IEC 61000-4-6 Electromagnetic compatibility (EMC) - Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields  
EN55011 (Industrial, scientific and medical equipment - Radio-frequency disturbance characteristics - Limits and methods of measurement)

ES-TRIN 2023/1 - European standard containing technical requirements for inland waterway vessels, as published by the European Committee for Drafting Standards for Inland Navigation (CESNI).

### Additional information

(1) Source: Environment and Transport Inspectorate, 04-12-2023: Under ES-TRIN, there is no requirement to certify a separate electric drive system.

(2) The E-LINE motor, if installed according to the applicable ES-TRIN requirements, meets ES-TRIN's requirements for an electric propulsion system. If a classification society is involved in the assessment, it may impose additional requirements to ES-TRIN.

ELINE\_(series) / EPOD100 motor controller patent number 2021974

### VETUS B.V.

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### Signed for and on behalf of VETUS B.V.

Schiedam, December 9, 2024

J.A. Boonstra



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