

Viking EEXI Solutions

DATA SHEET

Description

The REGULATEURS EUROPA EEXI solution meets the requirements of Marine Classification Societies for EEXI approval with its simple and effective engine power limiting solution.



The EEXI guidelines state for an electronically governed engine operating in normal service, that it will have the available power / fuel of the engine restricted.

Viking EEXI functionality provides configurable "restricted" and "unrestricted" modes of operation to satisfy power reduction in normal operation, yet maintain the availability of full power for safety-critical situations.



Viking EEXI solutions achieve this via a combination of dedicated power-limitation algorithms and a key-switch protected operating mode selection ("restricted" / "unrestricted" modes).

The functionality supports manual and automatic logging of operating mode changes via digital I/O, and also when operation exceeds normal power restrictions.

Viking EEXI solutions are available for most marine engine applications:

1. Electronic Engine Control Systems
 - > Existing Viking35/45 products – simple software upgrade
 - > Legacy Viking products (Viking22 & Viking25) – upgrade to Viking35/45 EEXI
 - > Other manufacturer's systems – retrofit to Viking35/45 EEXI
2. Mechanical Engine Control Systems (mechanical speed governor)
 - > Mechanically governed engines - retrofit to Viking35/45 EEXI

Features

Simple and effective

Small and compact mode selection and indication panel

Supported by both Viking35 and Viking45

Secure mode selection between "restricted" and "unrestricted" operation

Easily configured power limitation curves

Indication of operating mode and fuel restriction status on ship's bridge or machinery control room

Indication of operating mode and fuel restriction status for manual record keeping or automatic datalogging

Accepted solution by Marine Classification Societies

Solutions available for most marine engine systems

Retro-fittable

