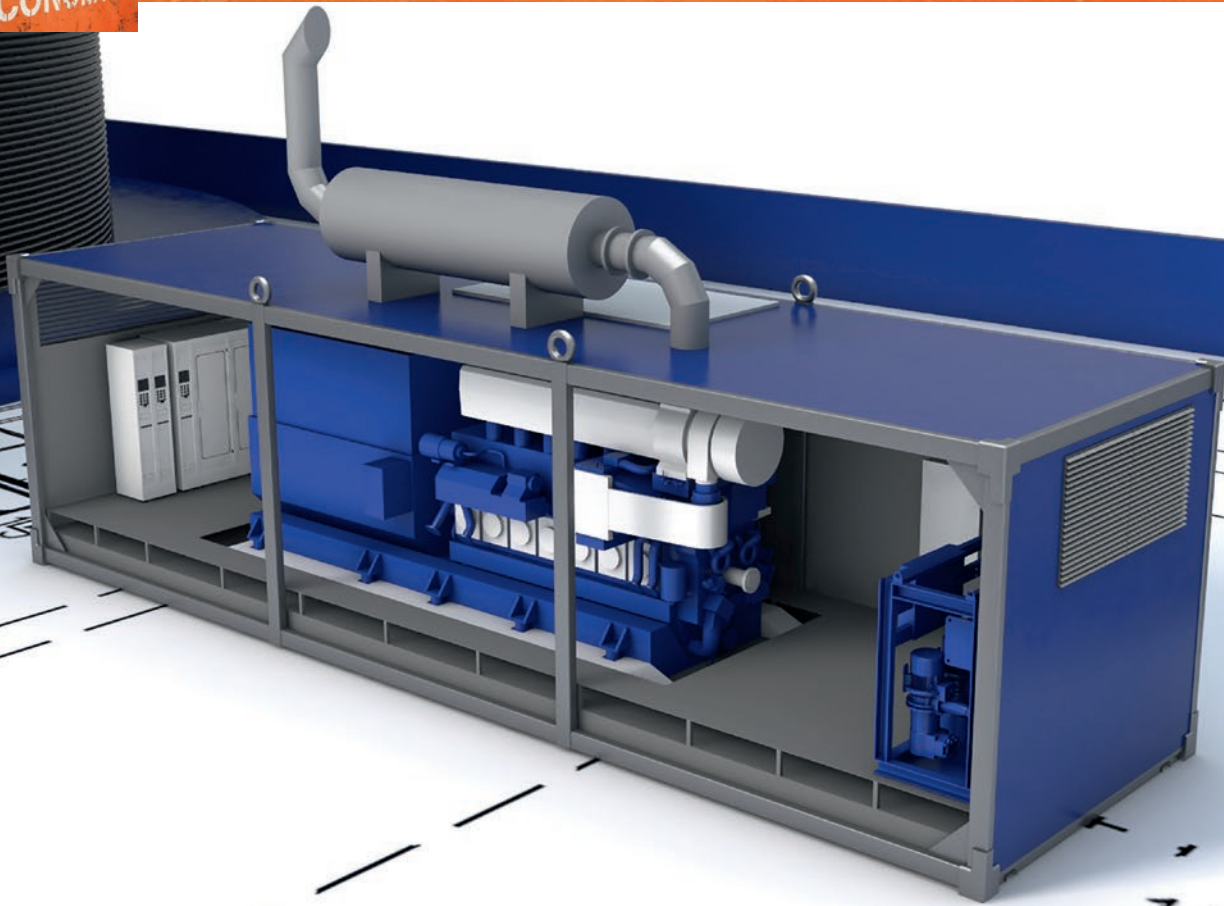


ENERGY
ENVIRONMENT
ECONOMY

WÄRTSILÄ CONTAINERISED POWER SOLUTION



A MARINE POWER SOLUTION, INTEGRATED OR PLUG AND PLAY

The Wärtsilä Containerised Power Solution is a complete system for providing additional electricity in the form of a containerised generating set for marine applications. The container is used as a standby generator or a normal auxiliary generator. The system can be tailored and integrated with the vessel to extend its operational capabilities, for example to power winches and cranes.

UPGRADE YOUR VESSEL

A Wärtsilä Containerised Power Solution enables you to extend your areas of operations on a temporary or permanent basis. This enables you to upgrade the capabilities of your existing vessel for a particular project, rather than buying a new vessel.

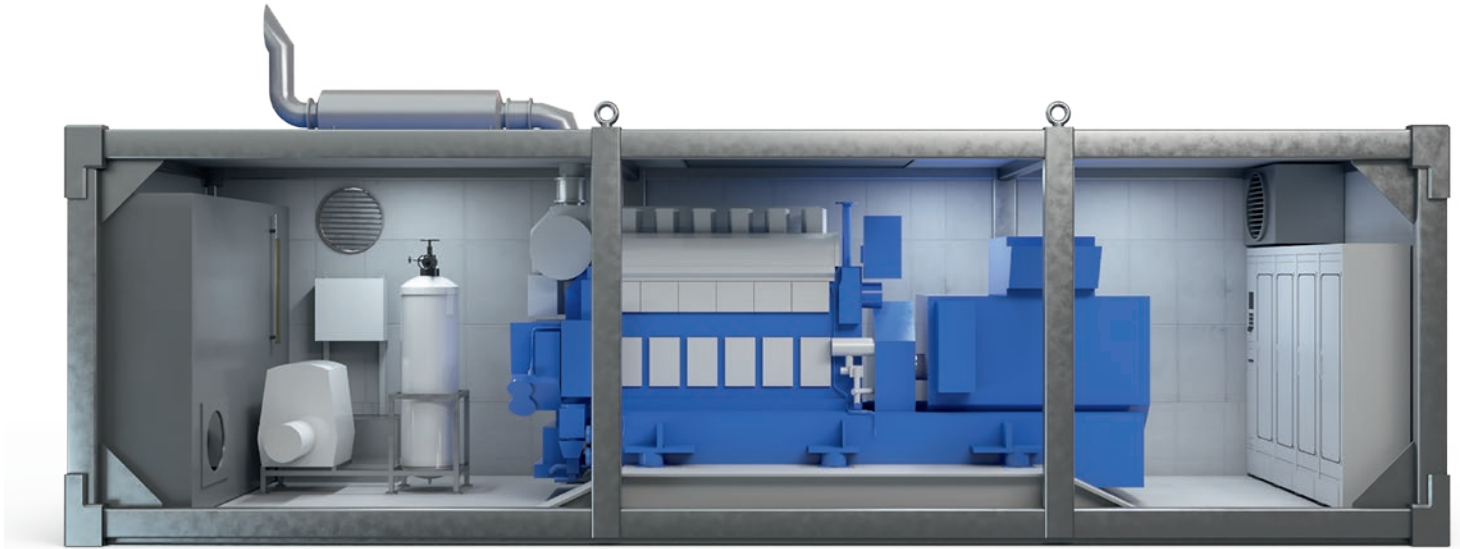
A WIDE RANGE OF SOLUTIONS

We can supply additional power optimised for your requirements. The tailored container includes a Wärtsilä generating set with required auxiliary equipment in the containerised structure. Tailoring the solution optimises the use of available space and other systems on board. Alternatively, we can integrate the generating set into the existing vessel systems.

The container can also be modularised for assembly on site. This is a useful solution if the available lifting capacity for a complete container system is inadequate, for example at a remote location. The solution is approved by Classification Societies for permanent use.

KEY CUSTOMER BENEFITS

- Upgrade existing vessel's capabilities
- Flexible solution designed according to your requirements
- Delivered as an independent unit or integrated with vessel
- Tailored solution minimises downtime and optimises use of space on board
- In remote location can be modularised for easier assembly
- A safe and reliable solution with approved marine classification



The Wärtsilä Containerised Power Solution can be used as a standby generator or a normal auxiliary generator. It can be delivered as a containerised generating set integrated with the vessel's existing systems or as a self-sufficient power source.

SCOPE OF DELIVERY

The scope of delivery can vary considerably depending on the installation. We can deliver a containerised generating set to be integrated into the existing systems of the vessel, or we can deliver a turn-key package for a self-sufficient power source, or anything in between. Structural design work includes classification drawings and calculations, and Finite Element Model (FEM) analysis. Depending on the chosen solution the delivery time can vary between 7 to 12 months.

THE SOLUTION CAN INCLUDE:

- Required electrical and automation equipment
- Equipment foundations
- Container outfitting with:
 - Fuel oil system
 - Tank systems
 - Cooling systems
 - Compressed air system
 - Local fire extinguishing system
 - Ventilation system
- Service crane
- Controls and operations interface both locally and remotely

