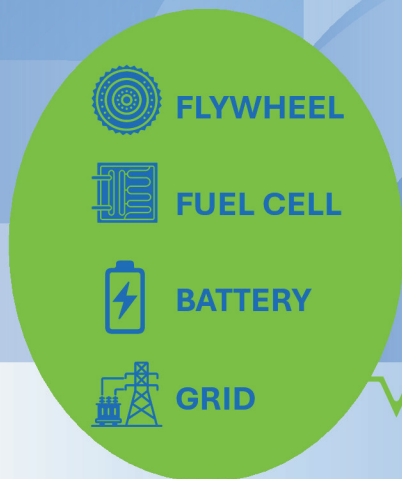


WE POWER



CONCEPT



Faster onboard integration

Delivered as a complete, tested module, reducing the need for equipment installation and system build-up inside the engine room.



Space that already exists

Installed on deck or in a suitable container position, preserving valuable space in engine room.



Energy-source independent

Designed to connect separately supplied battery, flywheel or fuel cell containers from the owner's selected supplier.



A practical route to hybrid power

A modular solution for newbuilds and retrofit projects, particularly where engine-room space is limited.



Designed for serviceability

Drive modules can be exchanged in place, while major components can be accessed by removing the WE Power module when required.

ONE MODULE

MULTIPLE ENERGY SOURCES

**Connect power.
Accelerate electrification.**

WE Power turns a containerised energy source into an integrated part of the vessel's power system.

WE Power is WE Tech's containerised power conversion solution for vessel electrification.

WE Power integrates all essential power conversion equipment into a single module, enabling fast integration of battery, flywheel and fuel cell systems without consuming valuable engine-room space.

WE POWER



KEY FEATURES

INTEGRATED SCOPE

- Drives
- Transformer
- 6.6 kV breaker
- Controls
- Cooling and internal cabling

The energy source container is not included.

POWER RANGE

1,000 kW
2,000 kW
5,000 kW
The above power frames are under study

DRIVE TECHNOLOGY

Modern WE Drive iC7 modules

CONTAINER SIZE

- 20 ft up to and including 2.5 MWh
- 40 ft above 2.5 MWh

VOLTAGE

- 690 V module side
- 6.6 kV ship or shore side through an integrated transformer

LAYOUT

The container features separate transformer and control compartments, with the remaining area designated as electrical space inaccessible during normal operation.

COOLING

- Internal air conditioning
- External low-temperature cooling water or a self-contained air/water cooling unit when no low-temperature water is available.

ENERGY SOURCE

Always a separate container from a third party, connected externally.

ENGINEERING

Designed and built with our trusted manufacturing partner

WE Power turns a containerised energy source into an integrated part of the vessel's power system.

