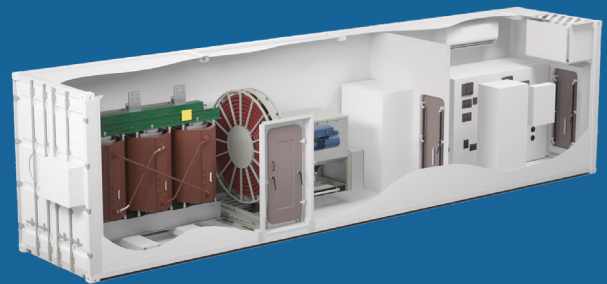


# BLUE CONNECT

## Alternative Maritime Power

ERMA FIRST BLUE CONNECT is a shore power containerized system designed for high voltage shore connection, according to 'IEC/IEEE/ISO 8005-1-2019: High Voltage ShoreConnection Systems – General Requirements'. ERMA FIRST BLUE CONNECT enables a vessel to shut down auxiliary engines during port stays.



## Defining vessel's operational sustainability

The innovative shore power solution with an unrivalled global network.



### Quality

- World class reliability
- Tailor-made vessel specific solutions
- System components from top manufacturers
- Access to ERMA FIRST's global service network



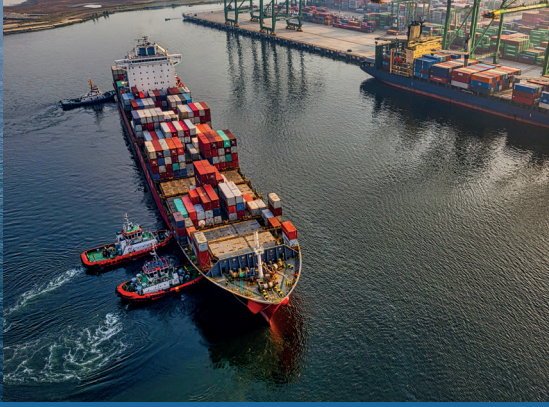
### Efficiency

- Reduced maintenance costs
- Noise and vibration elimination
- Low-emissions port compliance
- Extended equipment lifecycle



### Sustainability

- Reduction of CO<sup>2</sup> emissions
- Utilization of renewable power sources
- Elimination of emissions SO<sub>x</sub>, NO<sub>x</sub>, PMs
- Protection of sensitive marine coastal ecosystems



**RoRo / RoPax**

**CARGO**

**PASSENGER FERRIES**

## Description

ERMA FIRST BLUE CONNECT is the Shore Power Solution designed and offered by ERMA FIRST. Shore Power is the connection of vessels in a port's electrical grid to power onboard services, systems and equipment. This enables ships' diesel generators to be switched off with a resultant reduction in noise and emissions, such as particulate matter, nitrogen oxides, sulphur oxides, carbon oxides and volatile organic compounds. Vessels with power demands higher than 1MVA must establish High Voltage Connections (6,6kV or 11kV) with the mainland's power grid, implementing suitable equipment according to international regulations and ports requirements.

BLUE CONNECT is available for: RoRo/RoPax, Passenger Ferries, Containers and Tankers.

## Product Range

Models	Voltage Configuration	Type of connection to vessel's MSB	Maximum Power Supply Pn (MVA)
75HV6F	High	Fixed system: Permanent connection to vessel's MSB	7.5
15LV6F			1.5
25LV6F			2.5
40LV6F			4.0
50LV6F			5.0
75LV6F			7.5
75HV6P	Low	Portable system: Plug-in type of connection vessel side	7.5
15LV6P			1.5
25LV6P			2.5
40LV6P			4.0
50LV6P			5.0
75LV6P			7.5

\* Product range depicted above is designed specifically for Containers

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