

WHY TESVOLT OCEAN

DESIGNED TO DELIVER CONFIDENCE **UNDER** CRITICAL OPERATING CONDITIONS.



FLEXIBLE INTEGRATION

Engineered for constrained vessel environments



SERVICEABLE BY DESIGN

Fast module access. Less downtime



MARITIME-FIRST ENGINEERING

Purpose-built for demanding marine operations



MARITIME INTELLIGENCE

Visibility. Insights. Smarter and more efficient operations



ENGINEERED IN EUROPE. BUILT FOR MARITIME.

Developed for the demands of inland and sea operations, for vessels and projects worldwide.

YOUR TESVOLT OCEAN CONTACT

LET'S TALK ABOUT YOUR NEXT PROJECT.

Whether you're planning a newbuild, retrofit or hybrid project, our team can help you find the right energy storage solution for your vessel.



EXPLORE TESVOLT OCEAN

Scan to explore our products, access technical information and connect with our team.



EMAIL
info@tesvolt-ocean.com



WEBSITE
www.tesvolt-ocean.com



INSTAGRAM
[@tesvolt.ocean](https://www.instagram.com/tesvolt.ocean)



ADDRESS
TESVOLT Ocean GmbH
Travemünder Allee 17A
23568 Lübeck
Germany

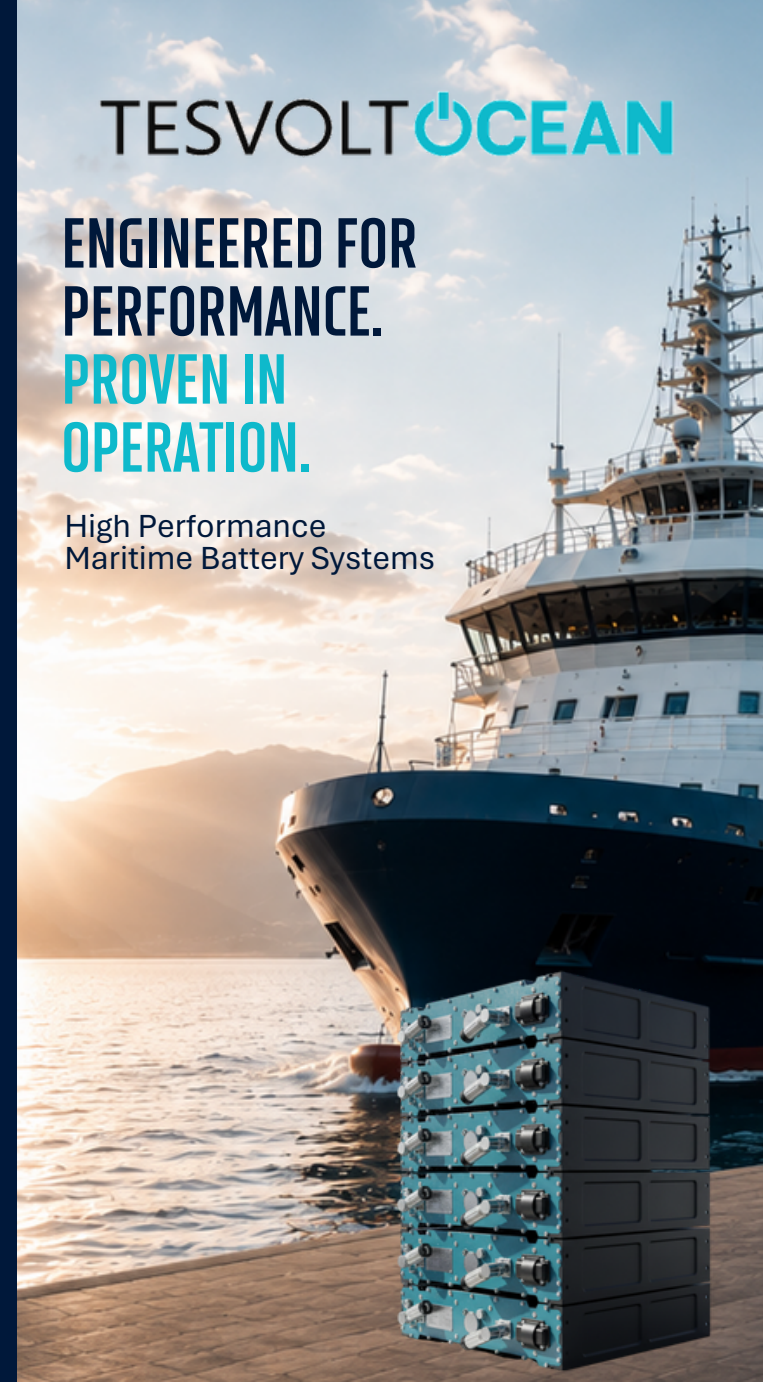
© TESVOLT OCEAN GmbH

This information is not legally binding. The exact specifications and/or product features (particularly in case of further development of the product) may differ from the information provided. Subject to errors and changes. Please read the safety and installation instructions carefully and completely before using the product. In case of purchase, the currently valid guarantee policies and the general terms and conditions of TESVOLT OCEAN GmbH apply.

TESVOLT **OCEAN**

ENGINEERED FOR PERFORMANCE. **PROVEN IN OPERATION.**

High Performance
Maritime Battery Systems



DNV & RINA
CERTIFIED



NMC & LFP
TECHNOLOGIES



RACK-FREE
ARCHITECTURE

COMPASS CORE 30S NMC

Advanced Maritime Batteries

Compact by design.
Proven Maritime Energy Storage.



ENERGY DENSITY

172.5 Wh/kg gravimetric
energy density
(Gross energy basis)



ULTRA-LIGHTWEIGHT

85.8 kg module weight



ANY-ANGLE DESIGN

Retrofit-ready for constrained
vessels



ON-BOARD MAINTAINABLE

Modules exchangeable by
trained professionals



RECOMMENDED APPLICATIONS

- Tight space retrofits
- Ferries
- Offshore support vessels
- Heavy use vessels



RINA
CERTIFIED



PROVEN MARITIME
DEPLOYMENTS



FAST
COMMISSIONING

NAVIGATOR 46S NMC

Advanced Maritime Batteries

Designed for applications where maximum energy
density and operational flexibility are critical.



HIGH ENERGY DENSITY

173.8 Wh/kg gravimetric
energy density
(Gross energy basis)



LIGHTWEIGHT

130 kg module weight



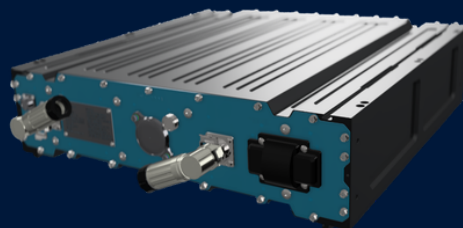
ANY-ANGLE DESIGN

Retrofit-ready for constrained
vessels



ON-BOARD MAINTAINABLE

Modules exchangeable by
trained professionals



RECOMMENDED APPLICATIONS

- Ferries
- Offshore support vessels
- Heavy use vessels
- Reefers



DNV CERTIFICATION
IN FINAL STAGES



OPTIONAL LIQUID
COOLING



FAST
COMMISSIONING

EOH 1.1

The next generation of our
proven LFP platform.

DNV - certified LFP technology for safe, reliable and
cost efficient maritime energy storage.



LFP CHEMISTRY

High safety, thermal stability
and long service life



RACK-FREE STACKABLE DESIGN

Flexible integration without a
conventional rack



WIDE TEMPERATURE OPERATION

-20°C to +50°C



EOH 1.0 Available

Proven LFP platform for cost-
effective maritime applications



RECOMMENDED APPLICATIONS

- Commercial retrofits
- Heavy use vessels
- Tankers
- Cost sensitive deployments



RINA
CERTIFIED



COST
EFFECTIVE



FAST
COMMISSIONING