

## European Solar and Energy Storage Solutions

# Falkland Islands asea power systems



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### ASEA Power Systems - Tetron Marine Supply

ASEA Power Systems is a world leader in the design and fabrication of power conversion equipment specially designed for the marine market. Product applications include shore power converters, line voltage regulators, isolation transformers, generator management modules, clean grid converters, and custom engineered desi

### AC Series , ASEA Power Systems

The Standard Series is customizable to fit virtually any space. Enclosure options two piece, wall hugger, and foot locker variations. Made from stainless steel, the unit is durable, reliable, and less susceptible to electromagnetic interference.



### About , ASEA Power Systems

ASEA Power Systems is a world leader in the design and fabrication of power conversion equipment specially designed for the marine market. Our products range in power from 8 - 1000+ kVA and come in both air and liquid cooled variations.

### Pacific Marine Power Supply , San Diego Marine Power

## Supplier

At Pacific Marine Power Supply, we specialize in meeting your shore power needs with reliability and excellence. Based in San Diego, serving worldwide with shipping or hand-delivery in San Diego and Orange County. We are an authorized dealer of both ASEA Power Systems and Northern Lights in the San Diego region.



## ASEA Power Systems Showcases Innovative Shore Power ...

FOR IMMEDIATE RELEASE. September 25, 2024  
Monaco, September 25, 2024 - ASEA Power Systems, a global leader in marine power conversion technology, is proud to announce its participation in the prestigious Monaco Yacht Show, taking place from September 25 to 28, 2024, at Port Hercules, Monaco. ASEA will be exhibiting at Booth No. DS70, where ...

## ASEA Power Systems DBT12 GEN2 Dock Boost Transformer

The Dock Boost Transformer (DBT) provides precision voltage regulation to the vessel, delivering complete protection from the most common shore power problems, including brownouts, spikes, sags, and low-line or high-line voltage conditions from the dock power pedestal.



## Technology , ASEA Power Systems

Monitor and control an ASEA Power shore power converter from a distance of up to 1,000 feet with a remote touch panel that uses modbus



RS-485 communication technology. K2A & K4A Auxiliary Contacts With online and standby dry contact confirmation signals, these auxiliaries are capable of controlling another device or sending a status-indicating

## For Refit Yards , ASEA Power Systems

Upgrading with ASEA is a strategic move to enhance efficiency and sustainability. Modernize Operations: Replace outdated equipment with ASEA's industry-leading converters to meet current maritime technological standards. Meet Growing ...



## Support , ASEA Power Systems

\*ASEA Power Systems operates from 8:00am to 5:00pm Pacific Standard Time Monday - Friday and is closed for US federal holidays. Response times are subject to fluctuation based on the day/time of ticket submission and current volume. If you press shore power or converter power OFF buttons then this will disable auto-restart. How do I

## Optimize Your Marine Power with ASEA Power Systems

As an authorized dealer, we offer top-quality ASEA Power Systems, designed for seamless power management in marine environments. Ideal for yachts, commercial vessels, and docked boats, ASEA ensures consistent, clean power and efficient energy conversion from multiple

sources.



## ASEA Power Systems , Metstrade

ASEA Power Systems is the world leader in compact and lightweight power conversion equipment with power levels ranging from 8-1,000kVA and 3,500+ installations to date. With over 25 cabinet selections, ASEA Power has a solution for every new build or retrofit application along with a diverse range of air cooled and liquid cooled converters.



 LFP 48V 100Ah

## Power and Electrical Section

We are responsible for power supplies up to and including the electricity meter, working at voltages up to and including 22,000V. The Power and Electrical Section have 22 staff, made up of management, stores personnel, five mechanical staff, six electrical staff and seven power station operators who work a shift system to permanently man the



## Contact , ASEA Power Systems

At ASEA Power Systems, we partner with builders, refit yards, yacht management companies, naval architects, marine engineers, and captains to deliver the ideal shore power solutions. Our expertise has grown from solving shore power frequency incompatibility to

becoming a world leader in shore power solutions, offering products such as Shore



## Hitachi ABB Power Grids factory in Germany celebrates 100th ...

In 1988 the merger between ASEA and the Swiss BBC (Brown Boveri Company) took place. With this, the Brilon factory got transferred to the ABB group, where it developed into the global center for transformers. With the sale of the Power Grids division of the ABB Group to Hitachi, the transformer plant became part of Hitachi ABB Power Grids.



## ASEA Power Systems , Power management for boats of all sizes.

Reliability is at the heart of ASEA Power Systems. We pride ourselves on delivering unparalleled reliability, ensuring that our customers have a seamless and secure connection to shore power no matter where their journey takes them. Our products are trusted by yacht owners, marinas, and shipyards worldwide.

## Product Datasheets , ASEA Power Systems

Shore Power Converters. Liquid Cooled LCZ

Series (55-150kVA) Dock Boost Transformers (12-24kVA) Trident Boosting System (24kVA) Trident Boosting System (48kVA) Dock Locker Systems. Dock Locker Systems (63-75 kVA) ASEA products are proudly made in the USA. ASEA is backed by a global support network in over 127 countries, ensuring any



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## Understanding IT, TT, and TN-S Earthing Systems , ASEA Power Systems

The type of grounding system in place--whether IT, TN-S, or TT--determines how smoothly the ASEA shore power converter handles the switch from shore power to onboard generators. In IT systems, the mid-point created by the Delta-Wye transformer is critical for monitoring voltage and making sure the transfer happens without interruption.



## Power Play Part II: Three Approaches to Prepare your Boat to

We installed an ASEA Power Systems 12kVa power converter on the second shore power



circuit. To provide redundancy, we added crossover switches that allow both the isolation transformer and the frequency converter to be connected to either of the shore power circuits. Figure 2 shows a simplified diagram of our system.

## Power and Electrical Section

This consisted of three 330kW Enercon E-33 wind turbines. The immense success of this project meant that Phase 2 (a further three E-33 turbines and three flywheel storage systems) was commissioned and began contributing power to the grid in February 2010. On average, just over 30% of Stanley's power requirement is met by the Sand Bay wind farm.



## Q Series , ASEA Power Systems

The Q Series is ASEA's smallest and lightest shore power converter. The unit features a stackable, modular configuration ideal for refit installations and tight spaces. The 50 kVA and higher units utilize our latest technology, which allows for reduced capacity operation should a single module be compromised.

## Contact Us

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For catalog requests, pricing, or partnerships, please visit:  
<https://www.ssab-proiect.eu>