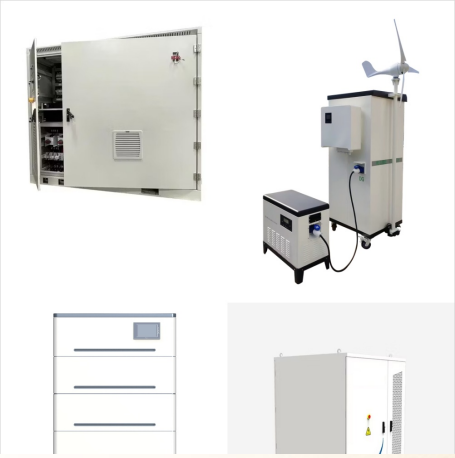
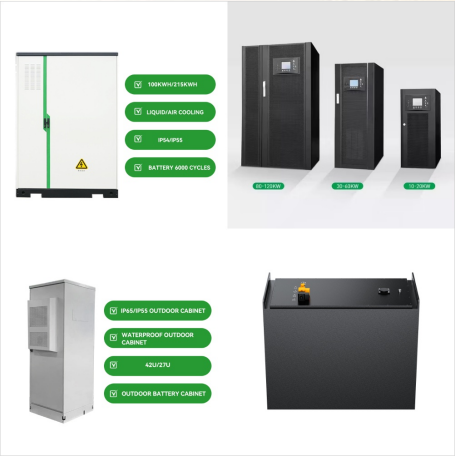
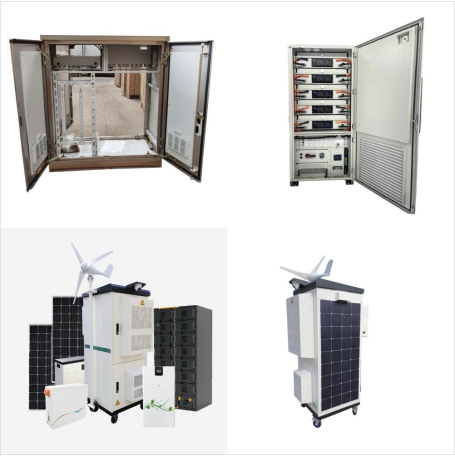


Aquarius MRE is a zero emissions power and propulsion system that incorporates an array of automated rigid sails, marine-grade solar panels, energy storage modules, charging equipment and computer systems. Aquarius MRE enables ships to tap into renewable energy by harnessing the power provided by the wind and sun.

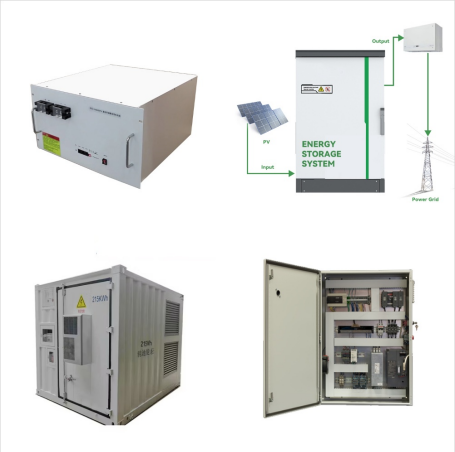


Fukuoka, Japan, Jan 30, 2012 - Eco Marine Power Co. Ltd. (EMP) today unveiled a concept ship design incorporating its Aquarius Marine Renewable Energy (MRE) System. This concept design is called the Aquarius Eco Ship and is part of Eco Marine Power's ongoing development efforts aimed at moving shipping towards a more sustainable future.

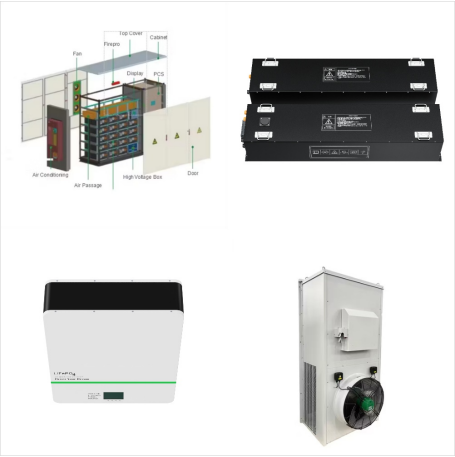


The ocean???waves on the water, currents beneath the surface, and winds above the water???offers a wealth of energy potential. In the United States, both marine renewable energy (MRE) and offshore wind energy (OSW) industries are still developing, but they hold significant promise as reliable forms of low-carbon energy that can benefit coastal ???

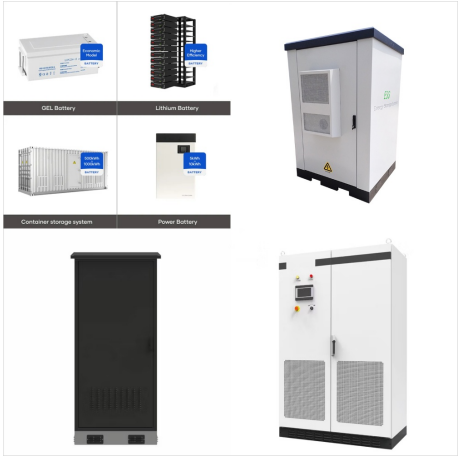
AQUARIUS MARINE RENEWABLE ENERGY



Eco Marine Power announced today that it has begun a project to jointly deploy and evaluate with Blue Star Ferries of Greece, a range of innovative renewable energy related technologies for shipping including the Aquarius Management and Automation System (MAS) with an integrated marine solar power system.



The sails were developed by Japanese renewable energy systems company Eco Marine Power (EMP) as part of a larger project known as Aquarius Marine Renewable Energy. Eco Marine Power. EMP claims



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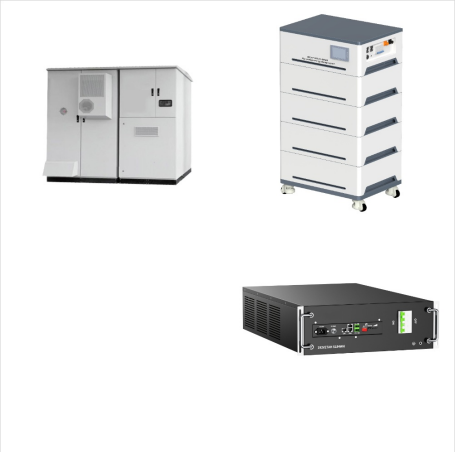
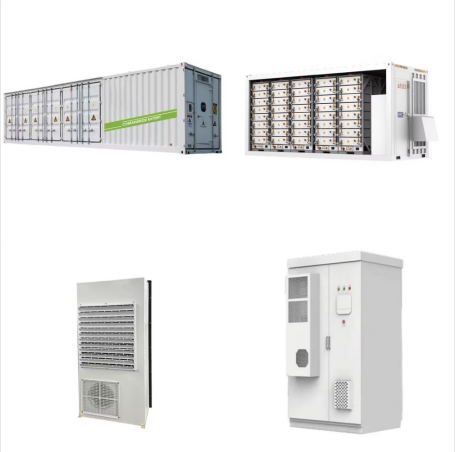
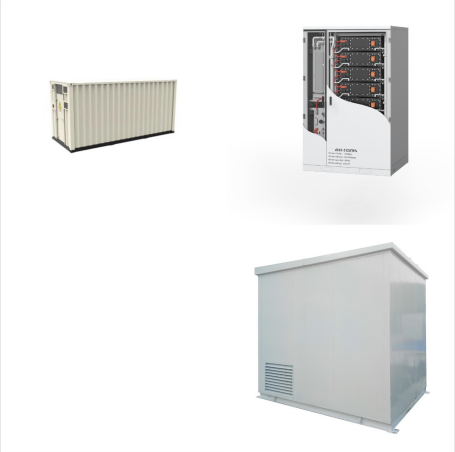


The patented Aquarius Marine Renewable Energy (MRE) is an advanced integrated system of rigid sails, marine-grade solar panels, energy storage modules, charging system and marine computers that enables ships to tap into renewable energy by harnessing the power provided by the wind and sun. The array of rigid sails are automatically positioned

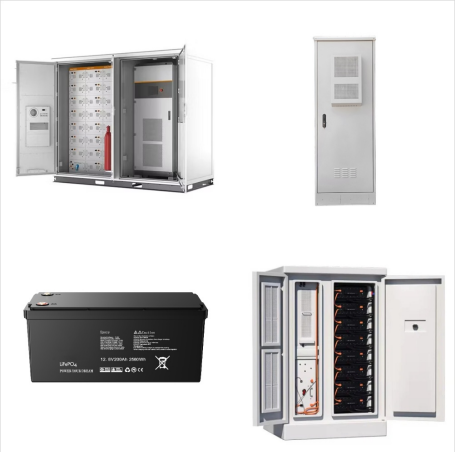


OverviewAquarius Marine Renewable EnergyAquarius ProjectAquarius Marine Solar PowerAquarius Eco ShipTonbo HMP FerryPartnershipsAdvisory board

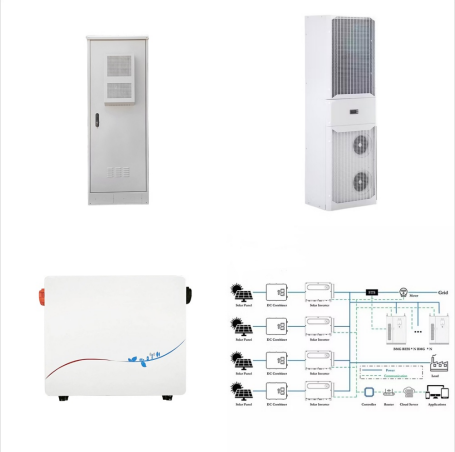


Fast Facts About Ocean Energy. Principal Energy Use: Electricity Forms of Energy: Kinetic/Thermal Ocean energy, also known as marine energy or hydrokinetic energy, is an abundant renewable energy resource that uses ocean water to generate electricity. The majority of ocean energy technologies are still in research and development.While the potential of ???

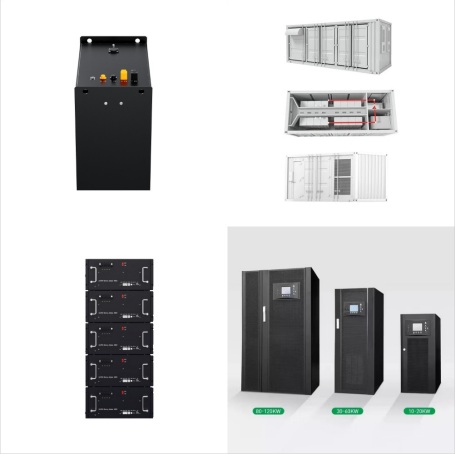
AQUARIUS MARINE RENEWABLE ENERGY



Globally, marine renewable energy (MRE) programmes are being implemented to mitigate carbon emissions, address the potential future exhaustion of fossil fuel supplies, and help ensure national energy security. 1 The main types of MRE systems are offshore wind energy and ocean energy (sometimes referred to as Blue Energy), which comprises energy from waves, ???

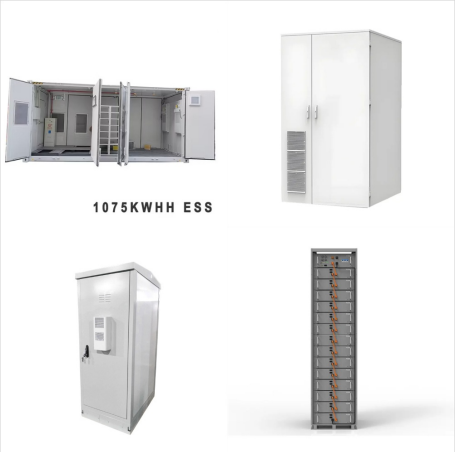


The final overall system became known as Aquarius Marine Renewable Energy or Aquarius MRE(R)[4]. Aquarius MRE is centred upon a unique and patented rigid sail design developed by Eco Marine Power EMP).

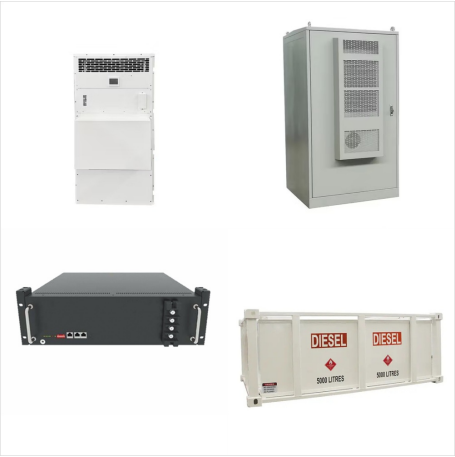


This important milestone for EMP means that the company has taken the Aquarius MAS from development to commercial use in just a few years and is also a critical step towards the commercial release of the combined wind & solar power system for shipping - the Aquarius MRE (Marine Renewable Energy) System. The Aquarius MAS installed on Delos

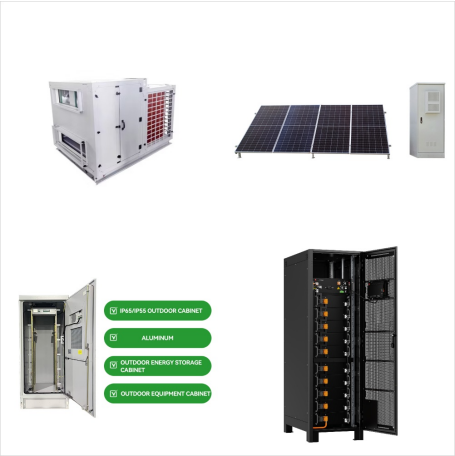
AQUARIUS MARINE RENEWABLE ENERGY



Kaiji Kyokai) for its Renewable Energy System for Ships - "Aquarius Marine Renewable Energy with EnergySail". Included in the scope of the AiP certification were two main sub-systems: The rigid sails are based on EMP's EnergySail(R) technology and these renewable energy devices can even be used when a ship is at anchor or in harbour.

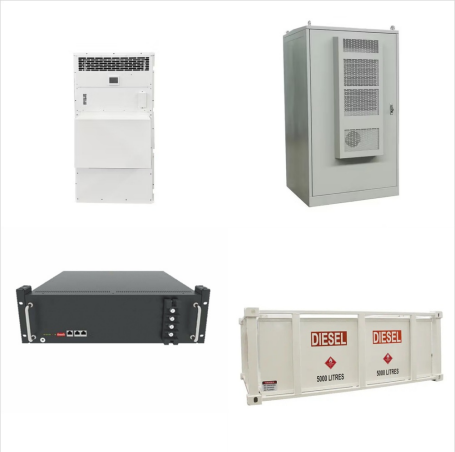


The Aquarius Eco Handymax II ship design includes the integrated sail-assisted propulsion & solar power system known as Aquarius Marine Renewable Energy or Aquarius Aquarius MRE. A range of energy

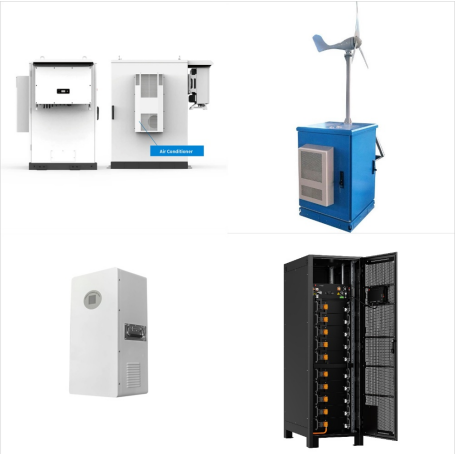


These technologies include the EnergySail(R), Aquarius Marine Renewable Energy (MRE) System and Aquarius Management & Automation System (MAS). EMP also develops sustainable ship concepts that incorporate the latest renewable energy technologies and is currently working on a number of design projects including Aquarius Eco Ship and Aquarius

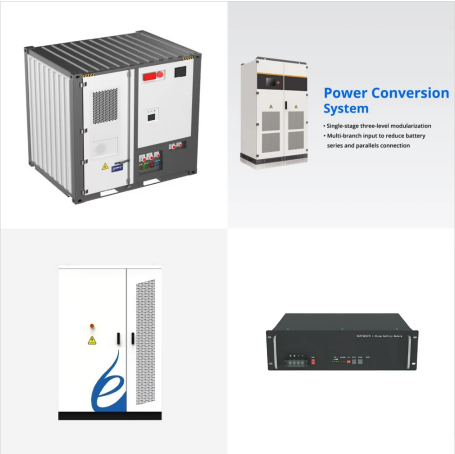
AQUARIUS MARINE RENEWABLE ENERGY



The Aquarius Eco Handymax II ship design includes the integrated sail-assisted propulsion & solar power system known as Aquarius Marine Renewable Energy or Aquarius Aquarius MRE(R). A range of energy saving devices including an air lubrication system (ALS) have also been added along with electric propulsion & fuel cells.

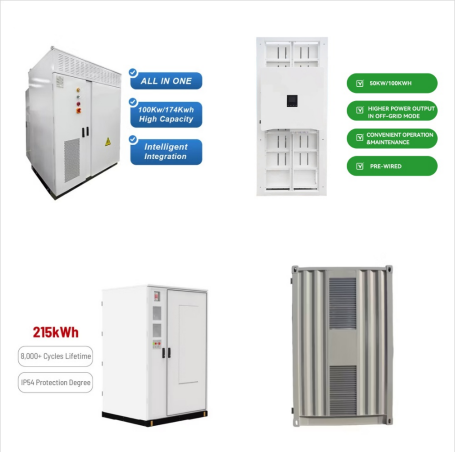


Eco Marine Power is at the forefront of developing low emission & fuel saving solutions for ships, Our computer systems also provide a control interface between renewable energy & other systems on

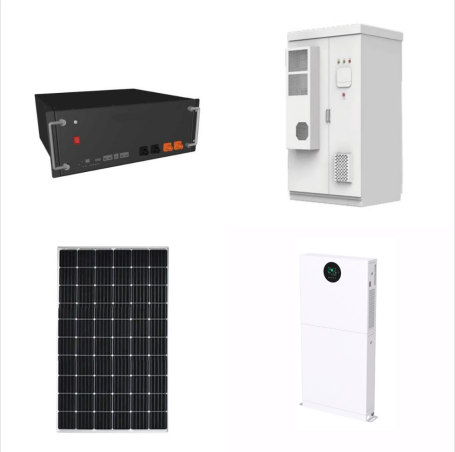


This solution is known as Aquarius Marine Renewable Energy (or Aquarius MRE(R)). A ship fitted with Aquarius MRE will be able to tap into the limitless, albeit variable, power of the wind and sun.

AQUARIUS MARINE RENEWABLE ENERGY



Aquarius MR(R) is an integrated system of rigid sails, marine-grade solar panels, energy storage modules and marine computers that will enable ships to tap into renewable energy by harnessing the



The Aquarius Innovation Lab will conduct research & design plus product development activities related to marine renewable energy systems and fuel saving technologies. Ongoing projects include the development of the Aquarius MRE System and EnergySail, both of which are to be tested in the facility.