



# Water and wind dual-purpose generator

What is a duogen generator?

DuoGen is a combined water and wind generator that can be easily reconfigured to harness the kinetic energy in either a water stream or a wind stream in order to produce electricity.

Why do yachts need a water generator?

In a given wind speed, therefore, the amount of battery charging power produced is usually far greater when a yacht is under sail and a water generator is deployed. DuoGen brings the benefits of dual mode operation to the yacht owner in a truly practical form.

What is a sail-Gen wind generator?

It is exceptionally quiet and vibration-free in operation and is also the most efficient and powerful wind generator available at its rotor size. The Sail-Gen is a dedicated water powered generator specially designed for yachtsmen wishing to maximise their power generation while on passage.

What are the benefits of a dual mode wind turbine system?

The benefit of this dual mode system is that the owner has greater potential for energy conversion than is possible with a single source system. This is because the air stream intercepted by a yacht's sails when it is under way is many times the area intercepted by a typical wind turbine.

Can a wind generator be mounted in wind mode?

This remains the case in both water and wind mode. Consequently, when operating in wind mode, the mounting only has wind loadings to resolve, not the mass of an alternator. Installing a conventional wind generator involves a dedicated mount tower and substantial braces fore and aft and athwartships.

What is a D400 wind generator?

The D400 is a dedicated wind generator, designed for a variety of marine, rooftop or terrestrial applications. It is exceptionally quiet and vibration-free in operation and is also the most efficient and powerful wind generator available at its rotor size.

Integrating wind power generators, whose frequency varies in a wide range due to varying wind speeds, into a grid is a formidable problem. At present, the use of permanent ...

A horizontally rotating prototype of Windmill is being used in this project. Silicon based wafers which are cascaded together to form a Solar Panel is being used in this project to generate electricity. Dual Power Generation Solar + Windmill ...

DuoGen is a combined water and wind generator that can be easily reconfigured to harness the kinetic energy in either a water stream or a wind stream in order to produce electricity. DuoGen has been specifically



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designed for use aboard ...

The Duo-Gen, from England, is a dual purpose generator that can be deployed in both wind and water modes. Now in its third generation, the generator advertises that it can produce six amps in 15 knots of wind or eight ...

This item: Outdoor Generator Manual USB Charger Wind Water Dual Purpose Turbine Generator 12V Household Micro Power Generation Equipment . \$281.99 \$ 281. 99. Get it Aug 19 - 29. In ...

Harness the power of wind energy with Shine Turbine's portable turbines. Lightweight, weatherproof design built for outdoor adventures. Shop now. Skip to content. Shopping cart Check out these popular add-ons. 30% off. Shine ...

Out of stock. Category: DuoGen Water & Wind Generator Tags: 3 Series, DuoGen, Long. Eclectic Office Opening Hours: Mon-Fri: 10:00-17:00. Sat: closed. Sun: closed. Sales@eclectic-energy .uk. Tel: +44 (01623) 835400.

Our Single Breaker Dual Purpose Generator Docking Station allows the connection of a portable generator and/or a load bank simultaneously. A Kirk Key Interlock allows the transfer of power ...

This is not the case for your wind turbines. A wind turbine's generator turns kinetic energy into electricity, and it doesn't respond to an equilibrium in the same way a solar panel does. ... If ...



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