

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 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.

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Portable Dual-Purpose Wind And Water Generator, 12V 25W Micro Power Generator For Outdoor Camping, USB Charging, Small Turbine For Emergency And DIY Projects

Conclusion If you're an outdoor enthusiast or simply wish to have a reliable backup power source, the "25W Portable Wind & Water Turbine Generator - 12V USB Output, Dual-Purpose Micro Power ...

DuoGen is designed and precision manufactured in the UK to provide the most practical and user-friendly system currently available for renewable energy electricity generation on cruising yachts. DuoGen is a ...

**\*Dual-Purpose Functionality:** This generator is designed to harness both wind and water energy, providing for versatile options for renewable energy generation in various environments.

In most conditions, water generators produce more power on passage because the yacht's whole sail plan is capturing the available energy rather than the limited area of the wind generator's rotor. The DupGen 3 dual ...

12V Double-duty Turbine Generator Outdoor Generator USB Charger Wind Power Water Description: Product name: wind/water flow portable generator Diameter: 18cm Product height: 18cm ...

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Scientific Experiment Waterproof Micro Wind and Water Dual-purpose Alternator Wind Energy Water Energy Wind Power Generation. Model DGIT32213, 3-year warranty.| Alibaba

The DuoGen is purpose designed to provide a truly practical solution to battery charging on cruising yachts. DuoGen's dual mode capability allows the same machine to operate as a wind powered generator in harbour ...

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