



# Water and wind dual-purpose generator

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 generatorspecially designed for yachtsmen wishing to maximise their power generation while on passage.

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 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.

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 designed for use aboard ...

Nature's Generator wind turbine is made with a quality cast aluminum alloy body that provides protection from natural elements and its sturdy design provides versatile use on land, water, or ...

The visual representation for the dual power generator equipped . ... streetlight purpose that it is expected to work for a period . ... " Performance analysis of wind generators ...

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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 ...

Ocean energy, as a renewable energy source resource [1], [2], [3], is regarded as one of the most promising clean energy sources.According to reports, the global ocean energy potential values ...

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