



# Best marine 12v wind generator

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Bob Dylan may have had all sorts of other ideas in mind when he wrote "Blowin' in the Wind," but the idea stands. When the wind blows, power is supplied. The times, they are a-changin', and we boaters need power out on the water for motor batteries, stereos, marine electronics, lights, bilge pumping and what have you.

Sure, when you're in your marina slip, you can just hook up to power. But when you're out on the water, that's not exactly feasible. Plus, it's always good to do everything we can to save the environment, reduce our carbon footprint and what-not.

Today, we're going to discuss the best marine wind generators and turbines for boats to answer your power problems whether you're a leisure powerboater, a liveaboard sailor or own the wooden schooner Water Pearl (that would be Bob's, of course). More Dylan references may or may not ensue.

Swirlin' ships aside, marine wind generators work by harnessing the kinetic energy of air, or to be exact, the wind. Once caught, the wind is converted to a rotational motion that turns an alternator, which then produces electrical energy. This energy can be used immediately or stored in batteries (12V or 24V) for later use. Voila, it really is magic!

Check Price on Amazon - Better Boat's Boat Soap is 100% biodegradable and safe to use in marine environments. It rinses clean and doesn't leave a slippery residue. Simply spray with a hose and nozzle. Use a microfiber cloth if you need a bit more scrubbing power.

The Ista Breeze 500w provides a reliable source of energy in extreme conditions via its hybrid charge controller. It has a low thermal load, an aluminum powder-coated generator alternator case, stainless steel ball bearings and a front bearing with a friction-free sealing disc to prevent moisture, dust and debris.

The maintenance-free aluminum Ista Breeze i-2000 has a maximum power of 2200w. It has durable and lightweight glass fiber reinforced plastic rotor blades, which also provides excellent stability.

With microprocessor technology and heavy-duty design, the Primus Wind Power delivers great performance and high wind protection. It's lightweight and has integrated power electronics for an easy installation. It produces 30 kWh of energy a month for high-wind marine use.

The Happybuy Wind Turbine Generator 400w features synthetic injection-molded high-strength plastic blades. Aerodynamic blades allow the rotor to run smoothly and quietly. It's great for use in high wind or in combination with solar panels.

Features include high-quality aluminum and stainless steel fittings, low start wind speed and a permanent



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magnet generator with low torque integrated automatic braking system. It also offers oxidation and corrosion resistance.

The Happy buy Wind Turbine 300w offers powerful performance in a unique lantern design. Its three-dimensional lantern-style design generates power at lower wind speeds while effectively regulating current and voltage.

It has auto wind direction adjustment, a permanent low-torque magnet generator and high-strength plastic blades with resistance against UV rays and water and sand corrosion. Plus, it's just cool to look at.

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