Press Release

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NEW Marine Wind Turbine

A new design of wind turbine incorporating a unique blade profile that runs very quietly, but swiftly, has been launched by world leading micro wind turbine manufacturer Marlec.

Sail boat owners know the challenges of providing power on board for essential equipment such as navigation instruments and lighting and so many will already know the well known brand Rutland Windcharger. Now the manufacturers have introduced their first 1.2m diameter 3 bladed turbine to deliver the increasing power demanded by modern sailors.

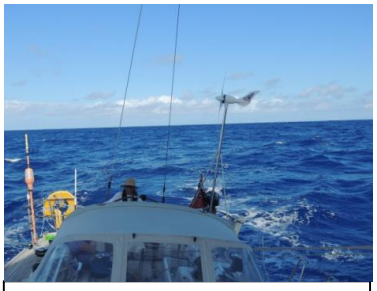
The highlight of the Rutland 1200 Windcharger's elegant design is the highly efficient but quiet running aerofoil blades which the company term Tri-namic Profile. The purpose designed profile brings together features that ensure very low aerodynamic noise, high power performance and low wind speed start up.

Marlec's experience in the marine market spans 35 years and their Sales Director Teresa Auciello explains, "We wanted to rise to the challenge of delivering the increasing levels of power demanded by cruising yachtsmen whilst overcoming the market's previous experience of noisy 3 bladed turbines."

Cruisers with battery capacities over 200Ah are most likely to benefit from this wind turbine as it can typically deliver around 120Ah per day. That's enough to keep a refrigerator, lights, occasional watermaker usage and other low energy appliances running on board without the need to run the engine. Reducing engine running time is an important issue, especially when long distance cruising as fuel is a premium and topping up can be unpredictable.

The complete product includes the controller which is essential to its operation as its generator output is AC, enabling longer cable runs to minimise Voltage losses. Conversion to DC for battery charging occurs in the controller. Even the controller is thoughtfully designed with the mariner in mind, it has output to charge 2 sets of batteries, efficient multi-stage charging regimes and temperature compensation to ensure fully charged batteries. It brings together inputs from the Rutland 1200 turbine and users can add up to 20A rated solar panels, that's 250W @ 12V and 500W in a 24V system. Both the wind and solar inputs benefit from Maximum Power Point Technology to optimise and boost charging.

The Rutland 1200 is available in 12V and 24V models and costs £1195.00 inclusive of VAT in the UK
To find out more about the Rutland 1200 visit www.marlec.co.uk
Photos available from ryan@marlec.co.uk



New Rutland 1200 Windcharger is ideal for generating on board energy.

Elegant new Rutland turbine designed for cruising sailboats

Controller is included with the new Rutland 1200