

# Introducing the brand **NEW** Rutland **914*i*** Windcharger

## Now with up to 30% more power...

...Marlec are proud to announce their latest innovation in micro wind turbines, the Rutland 914*i* Windcharger which intelligently uses Maximum Power Point Tracking (MPPT) technology to optimise the generator operation to perfectly match the speed of the turbine thereby achieving a highly efficient and reliable power output.



### Why the New Rutland 914*i* is so special:

- Delivers more ampere hours per day. Produces up to 30% more energy than Marlec's highly successful and market leading 913 model
- Uses the very latest technology and features Marlec's innovative new MPPT system
- Same compact size yet almost 3 times more powerful. The first 910mm diameter Rutland turbine produced 50W @ 10m/s (19 knots) and on the 914*i* it now produces a power rating of 140W @ 11m/s.
- Aerodynamically styled
- Extremely quiet and smooth in operation
- Rutlands have over 30 years world wide sailing experience and have been used on sailing yachts because they give their owners total peace of mind and complete confidence.

[www.marlec.co.uk](http://www.marlec.co.uk)

Powering sailor's energy requirements for over 30 years, naturally

## ...more about the **NEW** Rutland 914*i*

It is universally accepted that with a Rutland Windcharger mounted on board the modern sailor can enjoy the comforts of ample lighting, navigation equipment, essential communications and of course laptop usage all with a reduced engine running time.

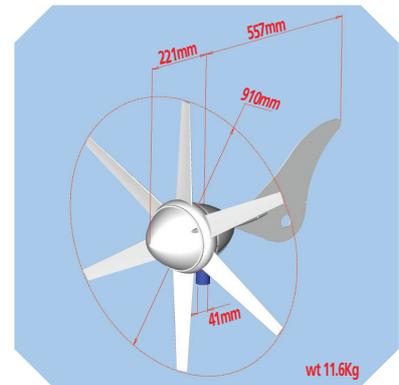
The new 914*i* takes things on a stage further, it is Marlec's latest and most powerful flagship model to date and you may be asking yourself how this major improvement has been achieved?

Marlec know that space on board a yacht is at an absolute premium so their overriding aim is to always get more power from less turbine!

They have achieved the power production increase through the use of modern electronic controllers programmed to intelligently match the characteristics of the generator to the constantly varying speed of the micro wind turbine.

Thus they are able to extract more power from the same "swept area" of blades for their customers whilst the resulting increase in efficiency also brings less wear and tear on the components too.

And, the 914*i* is as quiet as ever more than matching the reputation of their previous models for on board quietness, so you can rest easy, literally.

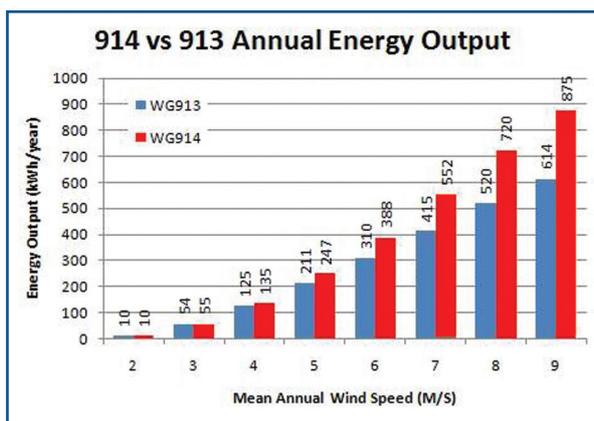


### Charge Regulators

Marlec's latest range of charge regulators; the HRS*i* & HRD*i* models have been designed with sufficient capacity to handle the power of the new Rutland 914*i*.

### Mounting Poles

The 914*i* is suitable for use on board yachts. The same tube diameter, 41mm internal and 48 external suits this turbine.



The comparison opposite demonstrates the increase in energy achieved on an expected annual energy output basis.

### Manufactured by Marlec in the UK

Marlec Eng Co Ltd, Rutland House, Trevithick Road, Corby NN17 5X7

**01536 201588**

Email: [sales@marlec.co.uk](mailto:sales@marlec.co.uk)

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the benefits of  
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performance

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