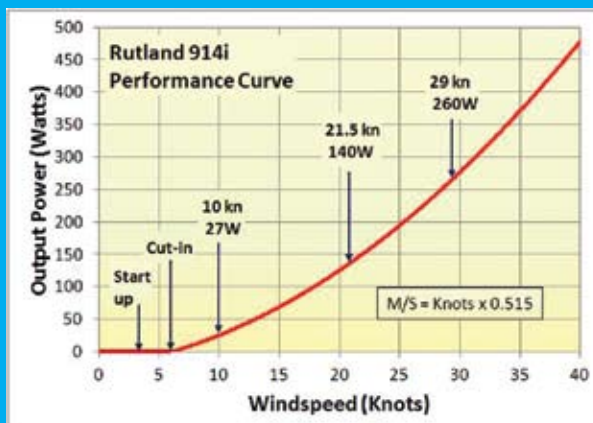


Rutland 914i Available in 12V and 24V versions

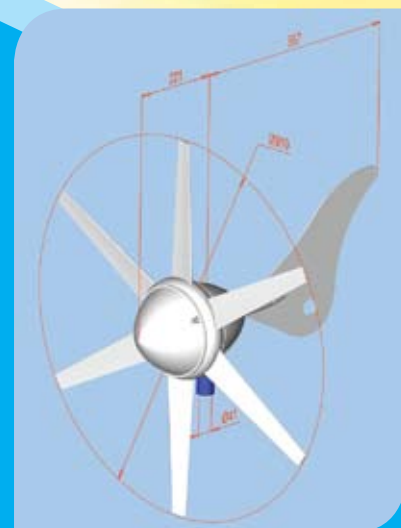


The Rutland 914i has rapidly become our leading windcharger, following the long success of the 913 model. Its 30% increased generating capacity, from the same diameter turbine, is achieved through advanced maximum power point tracking (MPPT) electronics delivering even more energy from the wind. Ideal for liveaboard and weekend yachting, boats from 10m.



Shipping Specifications:

1 carton: 37x30x45cm (15x12x18in)
 Net Weight: 11.58kg 25.5lbs Gross Weight: 13.1kg 29lbs



For pricing or any further information, please contact Omni Instruments Ltd.

Contact Details:

Tel: +44 1382 443000
 Email: info@omni.uk.com

Website: www.omniinstruments.co.uk

Mailing Address: Unit 1, 14 Nobel Road,
 Wester Gourdie Industrial Estate,
 Dundee, DD2 4UH.

Going long distance cruising?

Choose a Rutland for:

- Quiet operation lets you sleep!
- Direct savings on fuel
- Reduced engine running time and maintenance
- Assurance of power for essentials such as navigation, refrigeration etc... and so you can enjoy electrical comforts on-board with confidence.



Why Rutland?

- Our low wind speed start up is unrivalled. The highly efficient blade and generator designs deliver charge into your batteries long before many other turbines are picking up. Overall that's more power to you!
- We innovate, leading the way in our industry on aerodynamics, electronics and low friction generator designs to deliver modern, durable wind turbines that have continued to stand the test of time.
- We keep it simple and user friendly for our tens of thousands of users worldwide. Eg our blades have a positive one-way-only fit so there's no need for the user to align with other components.

For pricing or any further information, please contact Omni Instruments Ltd.

Getting Your Rutland Up and Running

Choose the right Rutland Windcharger for you and then select:

A **Rutland Marine Mounting Pole** and separately supplied **Stays Kit** give a professional finish to your installation OR make your own to suit using the tube sizes specified:

Rutland 914i – 41mm internal diameter, maximum external 48mm

Rutland 504 – 31.7mm internal diameter, maximum external 38mm

Charge Regulator – Choose one of the latest technology PWM (pulse width modulation) regulators available for single or dual battery charging. Both types undertake multistage charging and include temperature compensation to maximise the battery capacity. As the batteries achieve full charge these regulators automatically and progressively brake the blades minimising unnecessary wear on the wind turbine. An input position for solar panels up to maximum capacity of 160W (@25°C) is included. Shutdown switch to isolate wind and solar charging from the battery is built in. The regulator should be located within a 1.5m cable run of the battery bank.



HRSi Regulator

Single battery regulator with LED indicators



HRDi Charge Controller

Dual battery regulator with digital display.



HRDi Remote Display

simply plugs into HRDi with 5m data cable supplied for convenient viewing of LCD.

Cables & Connectors – select 2.5mm 2 core cable for runs of up to 20m between turbine and regulator. Permanent battery connections are recommended.

Batteries – deep cycle gel or AGM types are recommended with renewable energy systems. A good quality range is available.

Solar Panels provide a secondary charge source so you benefit from charging whatever the weather. They are simple to connect in parallel with the Rutland using our charge regulators.

For pricing or any further information, please contact Omni Instruments Ltd.