

Junior



The Junior Green Power Ed system features the popular Rutland 503 Windcharger. It is compact, easily portable and is the ideal tool in the first steps to learning about renewable energy. Included in the package are:

- Rutland 503 Windcharger - generates 25w @ 10m/s (22mph) and up to 80w
- 30 Watt Solar Photovoltaic Panel (Dims:60x50x5cm Wt:4kg)
- Junior Power Monitor | 70Ah 12V Battery
- Solar Panel Mounting Kit
- 50m Cable, Connectors and Battery Terminals



Technical Data

Why is The Rutland so unique

Useful Websites:

British Wind Energy Association
www.bwea.com

British Photovoltaic Association
www.pv-uk.org.uk

Installing the Green Power Ed Systems

The range of Rutland Windchargers are notable for their low wind speed start up so require only light winds to rotate and start generating power. To maximise the system's performance the windcharger should be located at a minimum height of 6m and in a clear position for exposure to the wind. Equally the solar panel should be south facing, positioned to optimal tilt angle and to avoid shading. A Land Tower Kit is optional as the poles specified are normally available from local tube stockholders. Using the cable supplied the monitor should be located within 20 meters total length of cable from the wind turbine & solar panel and within 2 meters of the battery. Full installation & operating instructions supplied.

Optional Extras for making the most of your renewable energy system:

- 12V Low energy Leisurelights
- 12V Pumps
- Inverters
- Additional batteries
- Battery boxes
- Land Tower Kit
- Handheld anemometer
- Contact us to discuss availability of recycled computers ([click here](#))

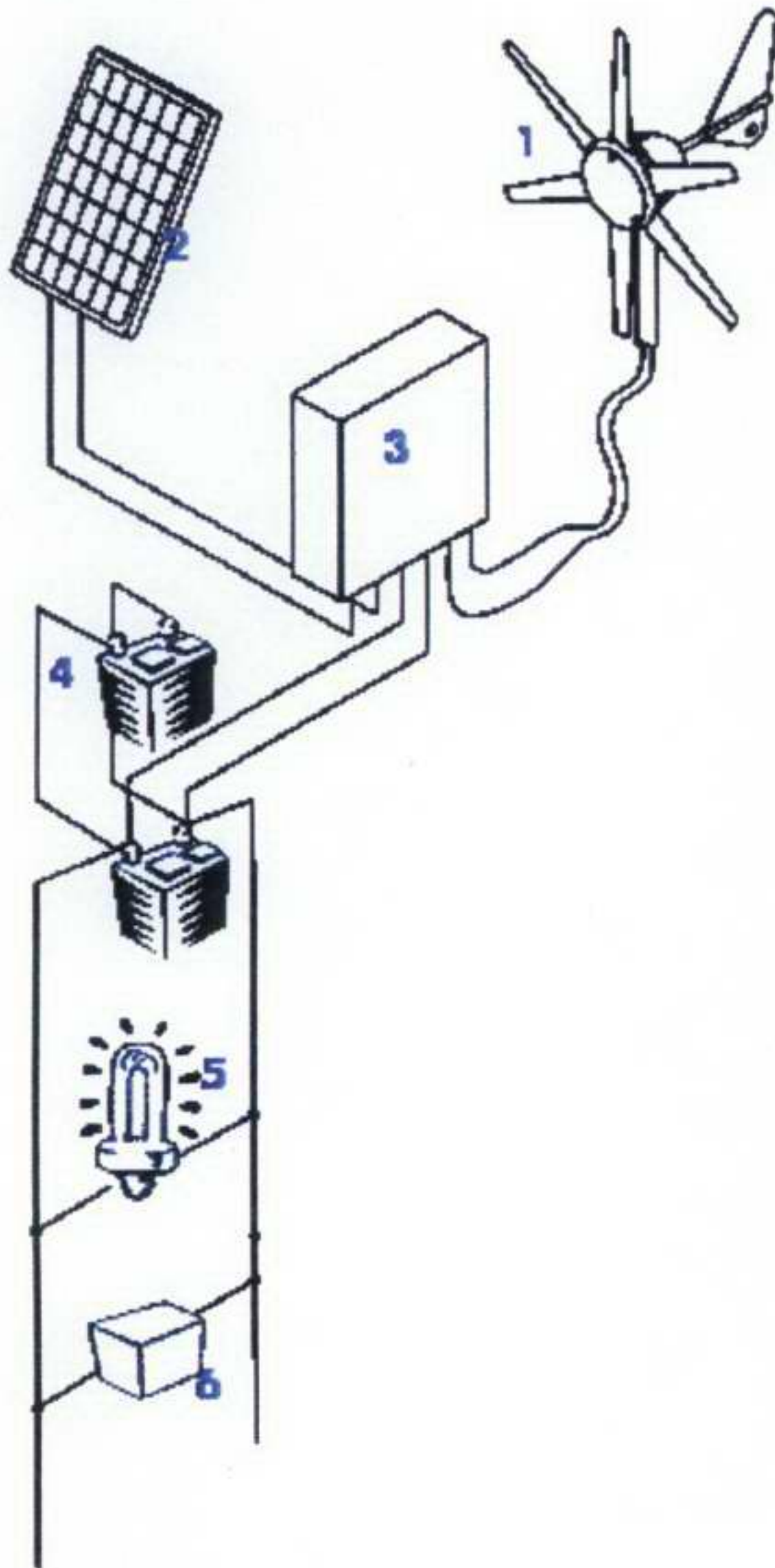
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Marlec Technical Data

Power Ed Junior - Senior - Graduate

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Wind turbine performance specifications are not created equal.



1. Rutland Windcharger

2. Photovoltaic Panel

3. Green Power Ed
Monitor

4. Battery Bank

5. Low Voltage
Appliances

6. Inverter

Dimensions

	Rutland 913	Rutland 503
Turbine Diameter	910mm	510mm
Turning Radius	462mm	255mm
Weight	10.5kg	3.5kg

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Tower Fixing:

Outside Diameter

48mm

38mm

Internal Diameter

41mm

31.7mm

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