



B&Q

WindsaveTM

... your opportunity to create your own
renewable energy

Windsave introduces the
revolutionary **WS 1000 Plug'n'Save**TM
wind turbine ... bringing supplementary
electricity directly into your home.

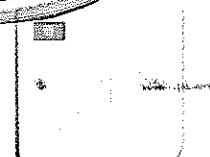
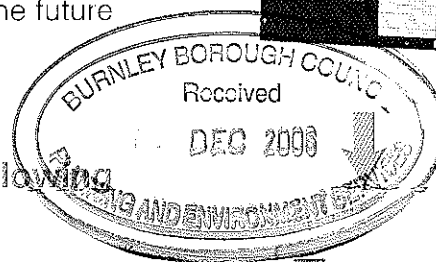
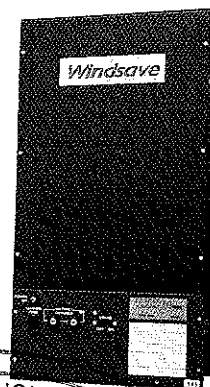
Fully installed price **£1498 including VAT** (including pre-installation survey)

Windsave has designed and built probably the world's most efficient
way of delivering Green Energy directly into the consumer's property
whilst contributing to the Government's targets for the reduction of
CO₂ emissions. All this from a sustainable natural resource – the wind

The **Windsave** system uses our unique **Plug'n'Save**TM technology to
deliver substantial cost benefits in addition to safeguarding the future
of our environment for generations to come

The **Windsave Plug'n'Save**TM system offers the following
major benefits:

- Supplementary power while utility company prices continue to rise
- Supplementary 230V electricity direct into your household wiring
- Reduces the amount of power you buy from your utility company
- Qualifies for up to a 30% grant under the DTI Low Carbon Buildings programme - subject to conditions. Product code WT5029.
- Will save up to a third on the average UK household electricity bill
- Fitted by **Windsave** approved installers
- No hazardous batteries or complex wiring
- You **own** it and you **save** with smaller electricity bills
- Seek advice from your local planning department



Supplementary 230Volt
- 50Hz feeding directly
into the property ring
mains via a fused spur

For further information visit www.windsave.com

Windsave and Plug'n'Save are registered trademarks in the United Kingdom

WS1000 PRODUCT SPECIFICATION

VALUES QUOTED BELOW:

• AC Input (Mains):	230 Volts (nominal) ac, @ 50Hz
• Power Input (Mains):	6 Watts (Note 2)
• Rated Power Output:	1kW @ rated wind speed (Note 3)
• Rated Wind Speed:	12.5 m/s (Note 8)
• Cut-in Wind Speed:	3.5 to 5 m/s @ hub height (Note 8)
• Cut-out Wind Speed:	14 m/s @ hub height (Note 8)
• Reference Extreme Wind Speed:	35 m/s @ hub height
• Operating Temperature Range, Generator:	-15C through +40C (Note 4)
• Weight, Generator System:	25kgs (Note 5)
• Weight, Plug 'n' Save™:	11kgs
• Dimensions, Generator Assembly:	320mm long x 150mm wide x 110mm deep support shaft
• Swept Area, Blade Assembly:	2.4m ²
• Swept Diameter, Blade Assembly:	1.75m
• Dimensions, Plug 'n' Save™:	535mm long x 315mm wide, 130mm deep
• Noise, Generator System:	LAeq=52 dBA 5m behind turbine @ 7m/s gusting LAeq=33 dBA 5m behind turbine @ 5m/s gusting
• Operating Speed Range of Blades:	100 – 1050 rpm (Note 6)
• Degree of Protection, Generator Assembly:	IP54
• Degree of Protection, Plug 'n' Save™:	IP30
• Expected Safe Life:	10 years (Note 7)

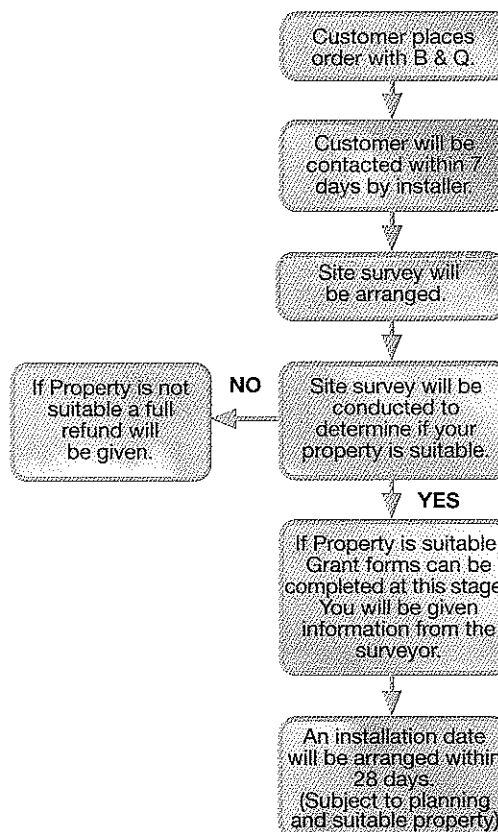
General references above relate to BS EN 61400 part 2
Design and specifications are subject to change without notice

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CUSTOMER SALES PROCESS

NOTES:

- 1 Values are nominal only as slight variations will be present from unit to unit
- 2 Power consumption of the Plug 'n' Save™ unit in stand by mode
- 3 Typically 12.5 m/s wind speed at the Propeller Blade Assembly is equivalent to an output of 1kW from the Plug 'n' Save™ unit
- 4 At altitudes < 1000m above sea level
- 5 Excludes Support Pole & Brackets
- 6 Useful power output range
- 7 This is the expected safe life of the product however the actual life will depend on the conditions the system has been subjected to (e.g. Continual exposure to heavy salt water conditions will reduce life expectancy)
It should also be noted that the Expected Safe Life period is NOT the stated warranty period of the product.
- 8 Wind speed figures assume a steady value, as gusts to this figure will not always produce maximum output



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