

PERFORMANCE . EXPERTISE . RELIABILITY



**SD WIND ENERGY**

**WORLD LEADERS  
IN SMALL SCALE WIND**

**SD3**

+44 (0) 1560 486 570  
[www.sd-windenergy.com](http://www.sd-windenergy.com)



## SCOTTISH DEVELOPED

The SD3 is world renowned as an ideal solution for remote access sites, off-grid battery charge applications and small scale domestic installations. Internationally recognised for its unrivalled runtime, which has now accumulated over 25 years in the industry.

Continuous Operation is guaranteed due to the innovative downwind design, incorporating the delta rotor. This unique system uses the latest advances in composite technology, allowing the blades to flex and regulate their speed. This ensures the turbine can continue operating and producing energy during extreme wind conditions when alternative wind turbines need to stop to protect themselves.

Our SD3 has been operating on unmanned Oil & Gas platforms in the North Sea, remote telecom sites in Africa and in the deserts of Saudi Arabia yet remains a popular solution for agricultural and domestic installations.

There has been over 100 of the SD3 turbines operating in The Falkland Islands since 1992.

SD Wind Energy delivers affordable energy security to a wide range of customers.



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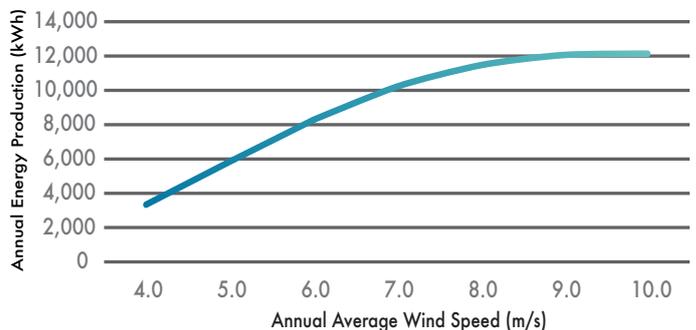
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# SD3

## PRODUCT SPECIFICATION

Rated Power	3kW
Applications	Agricultural, Domestic, Remote Islands, Utility, Telco, Unmanned Oil & Gas platforms.
Solutions	Grid Tied & Battery Charge, 24V, 48V, 300V
Architecture	Downwind, 3 Bladed, Self Regulating
Rotor	3.9m Diameter
Blade Material	Glass Thermoplastic Composite
Generator	Brushless Direct Drive Permanent Magnet
Tower Height Options	6m / 9m Taperfit Monopole - Hydraulic
Tower Specification	Class 1 Rated / Galvanised Steel
Foundation Options	Pad / Root / Rock Anchor
Cut In Speed	2.5m/s
Cut Out Speed	None - Continuous Operation
Survival Wind Speed	Designed to Class 1 (70m/s)
Warranty	5 Years
Cold Climate Options	Available on Request
Colour Options	Light Grey (RAL7035) Black (RAL9005)

## ANNUAL ENERGY PRODUCTION



**SECURE YOUR ENERGY FUTURE TODAY WITH SD WIND ENERGY**

