

PERFORMANCE . EXPERTISE . RELIABILITY



SD WIND ENERGY

**WORLD LEADERS
IN SMALL SCALE WIND**

SD3

+44 (0) 1560 486 570
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.



SD WIND ENERGY

Global Head Office
Wardhead Park, Stewarton
Ayrshire, Scotland KA3 5LH

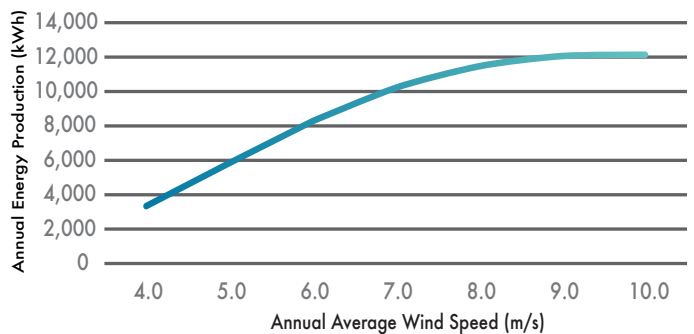
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SD3

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

