

PERFORMANCE . EXPERTISE . RELIABILITY



SD WIND ENERGY

WORLDS FIRST & ONLY
ATEX APPROVED TURBINE

SD3EX



+44 (0) 1560 486 570
www.sd-windenergy.com



SD3EX

PRODUCT SPECIFICATION

| | |
|----------------------|---|
| Rated Power | 3.2kW |
| Applications | Unmanned Oil & Gas platforms. Hazardous Environments. |
| Solutions | Battery Charge, 24V, 48V |
| Architecture | Downwind, 3 Bladed, Self Regulating |
| Rotor | 3.9m Diameter |
| Blade Material | Glass Thermoplastic Composite |
| Generator | Brushless Direct Drive Permanent Magnet |
| Tower Height Options | Available on request |
| Tower Specification | Class 1 Rated / Galvanised Steel |
| Cut In Speed | 2.5m/s |
| Cut Out Speed | None - Continuous Operation |
| Survival Wind Speed | Designed to Class 1 (70m/s) |
| Warranty | 2 Years |
| Colour Options | Black (RAL9005) |

SPECIALLY DEVELOPED

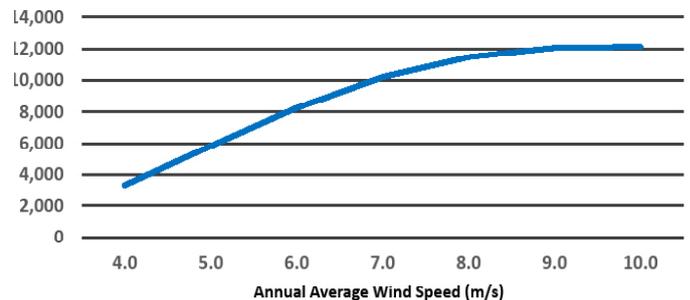
The SD3EX has been specially developed for the Oil & Gas sector and has been successfully operating in the North Sea for over a decade.

Our unique design ensures low maintenance (every 24 months) therefore reducing the requirement for mobilisation to unmanned platforms. With Zone 2 Certification, our EX approved SD3 is helping to establish safety alongside innovation in providing renewable energy within the Oil & Gas industry and other hazardous environments.

The integration of the EX approved Wind & Solar PV Hybrid System will allow for significant OPEX reduction by offsetting runtime of diesel gensets, which are expensive to operate and maintain. Recent installations have demonstrated a 96% OPEX reduction, further highlighting the capability of the SD Wind Energy range.

System Benefits

- 96% OPEX reduction
- Servicing required only every 2 years
- Reliable, uninterrupted power




SD WIND ENERGY

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