



**SD WIND ENERGY**

**WORLDS FIRST & ONLY  
ATEX APPROVED TURBINE**



**SD3EX**





# SD3EX

## PRODUCT SPECIFICATION

Rated Power	3kW
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

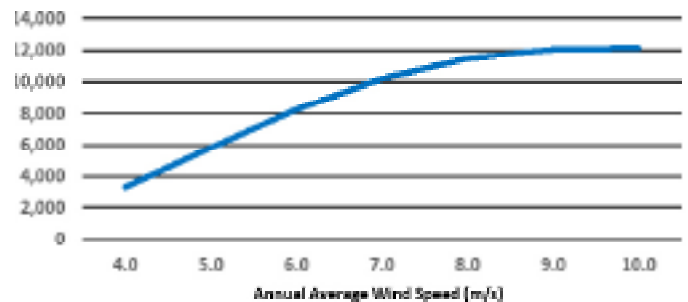
The SD3EX has been specially developed for the Oil & Gas sector and has been successfully operating in the North Sea for over a decade.

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



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