



Wind & Solar

Renewable Energy Experts

www.windandsolar.co.za

087 057 7255

REGENTM
RENEWABLES



ReGen LX 3KW Wind Turbine Features:

- 5 Blade designed for low wind area, light breeze start-up
- Amazingly quiet operation with minimal vibration
- Electromagnetic braking and blade aerodynamic braking
- High efficiency achieved by a perfect match of the generator and blade design
- Extreme weather resistance
- Extreme wind resistance
- Anti-Rust & anti-corrosion
- Light weight & easy-to-install
- Long life expectancy, maintenance-free
- Standard 3 years carry-in warranty

ReGen LX 3KW 5 Blade

Rated Output	3000W
Peak Output	3500W
Rated Voltage	off-grid: DC48/110V on grid: DC110/220V
Start-up Wind Speed	2 m/s or 7.2 km/h
Cut-in Wind Speed	2.5m/s or 9 km/h
Rated Wind speed	12m/s or 43.2 km/h
Working Temp. range	from -40°C to 60°C
Survival Max. wind	50m/s or 180 km/h
Over-speed control	Electromagnetic & blade aerodynamic braking
Number of Blades	5
Rotor Diameter	3m
Swept Area	7.07m ²
Blade Material	Nylon fiberglass reinforced composite
Generator Type	Brushless 3-phase PMA with high performance Neodymium Magnets
Tower-top Weight	70kg
Tower Type	monopole, guyed tower, tilt-up tower, rooftop mounting etc.
Controller Type	PWM
Applications	solar & wind hybrid lighting, on/off-grid power system etc.
Product Life	15 years
Warranty	3 years (optional 5 years)
Years on Market	5 years
Certificate	CE, RoHS, ISO9001:2008, ISO14001
Measurement	197cm x 77cm x 34cm
Gross Weight	46kg
Brochure Updated	2020-02-07