



FX 2000W, FX10KW

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SDC
ENERGY SECTOR

WIND & SOLAR ENERGY
PRODUCTS AND SOLUTION

Our mainly products is vertical and horizontal complete wind turbine system from 2000w, 10kw solar panel, wind and solar hybrid system for all kinds of projects, Energy storage system like UPS for off grid projects.

We provide you with one-stop service of new energy including wind turbine, controller, off-grid system, energy storage and so on.





RENEWABLE ENERGY

We harness the earth's most abundant resources - the strength of the wind, the heat of the sun and the force of water - to power the world's biggest economies and the most remote communities. Combining onshore and offshore wind, blades, hydro, storage, utility-scale solar, and grid solutions as well as hybrid renewables and digital services



On shore Wind

Wind turbines with rated capacities from 2000w to 10kw to suit variety of environment



Grid Solutions

Bringing power reliably and efficiently from generation to end consumers.



Hybrid

Combining renewable energy and storage to address the challenge of the future

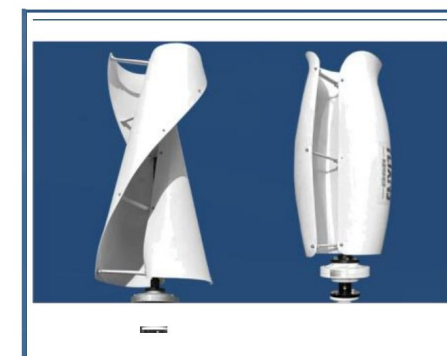


Services

A wide range of solutions to keep your renewable energy equipment running smoothly

INTEGRATED PRODUCT

VERTICAL AXIS WIND TURBINE
HORIZONTAL AXIS WIND TURBINE



FX 2000w ,FX10kw



FX Series

GRACE

- *Fashion appearance, quite operation
- *IP 54, smooth curve fiberglass blades
- *Multicolor for options

FLEXIBLE

- *Wind power and voltage range
- *Workable to do hybrid with solar panel

RELIABLE

- *High efficiency on low wind speed with 3m/s
- *Suitable for all applications
- *Long lifespan to 20 years and good quality ensure
- *CE certified with ISO

ADVANCED

- *Sustainable energy producing
- *Environmental protecting for whole word
- *Coreless PMG with low rpm



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Vertical/Parameter Tale

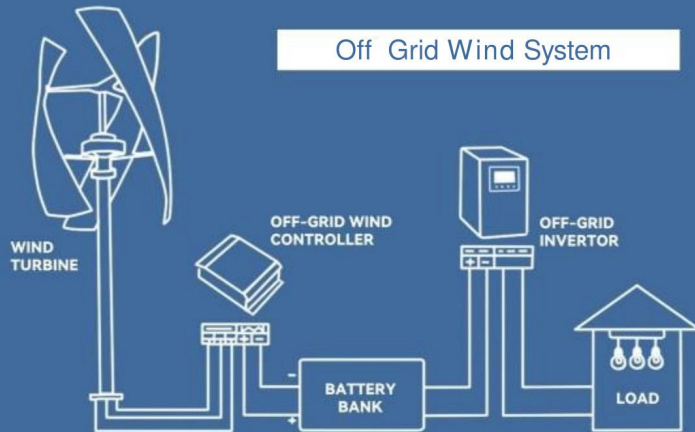
Model	FX-2000W	FX-10KW
Rated Power	2000W	10000W
MaximumPower	2050W	11000W
Blade Length	1.4m	3m
Rated Voltage	24v-96v	96v-220v
Start-up Wind Speed	2m/s	2m/s
Ratde Wind Speed	10m/s	10m/s
Rotor Diameter of Blades	0.9m	2m
Cut-in Wind Speed(m/s)	2.5m/s	3m/s
Blades Colors	White/Green/Red	White
Safe Wind Speed(m/s)	≤40m/s	≤40m/s
Blades Quantity	3	3
Blade Material	Nylon Material/Fiberglass	Glass Fiber
Generator	Aluminum Alloy	Magiev Generator
Control System	Electromagnet	Electromagnet
Mount Height(m)	2m~12m	6m~20m
Generator Protection Grade	IP54	IP54
Work Temperature	-40°C~80°C	-40°C~80°C
Overspeed Protection	Electromagnetic Brake	Electromagnetic Brake
Overload Protection	Electromagnetic Brake and the Unioading Unit	Electromagnetic Brake and the Unioading Unit
Lubrication	Lubrication Grease	Lubrication Grease
Desigh Life	20 Years	20 Years



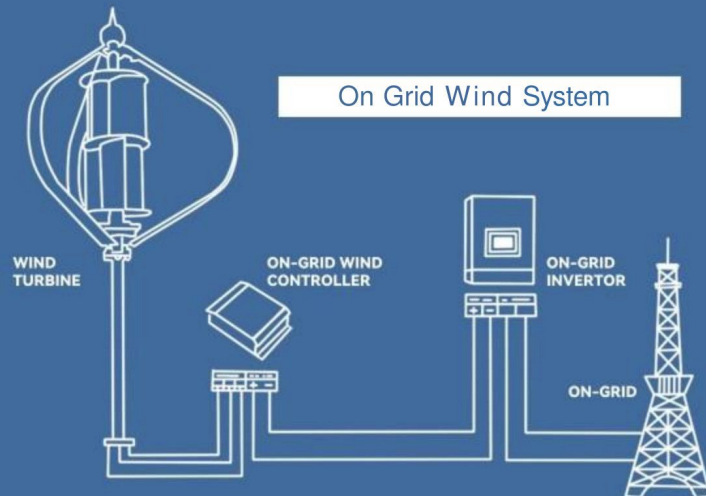
OFF/ON
GRID

WIND SYSTEM

Off Grid Wind System



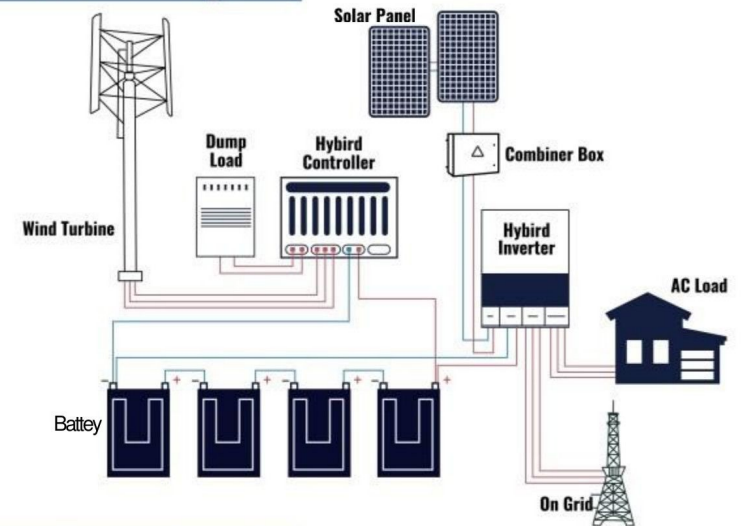
On Grid Wind System



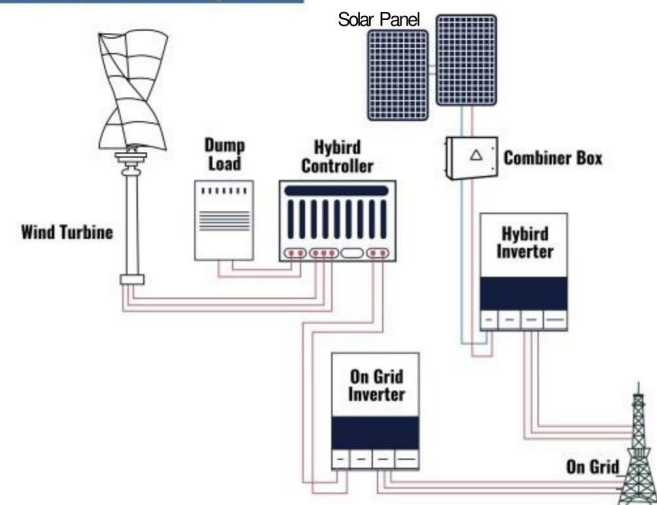
Vertical/Connection System

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Hybird Wind & Solar System



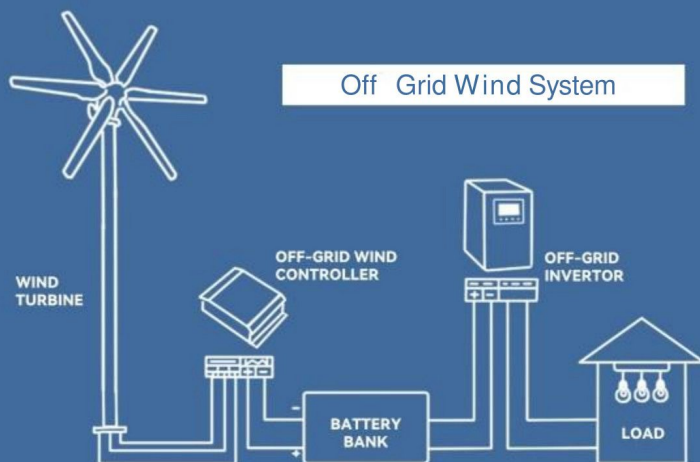
On Grid Wind & Solar System



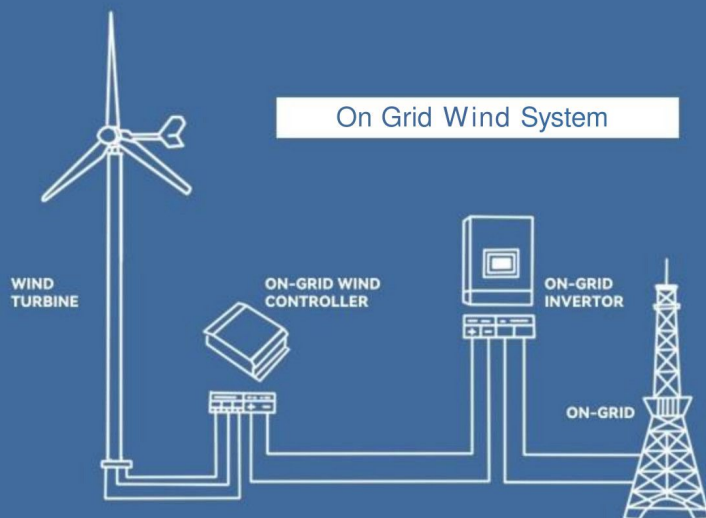
OFF/ON
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WIND SYSTEM

Off Grid Wind System



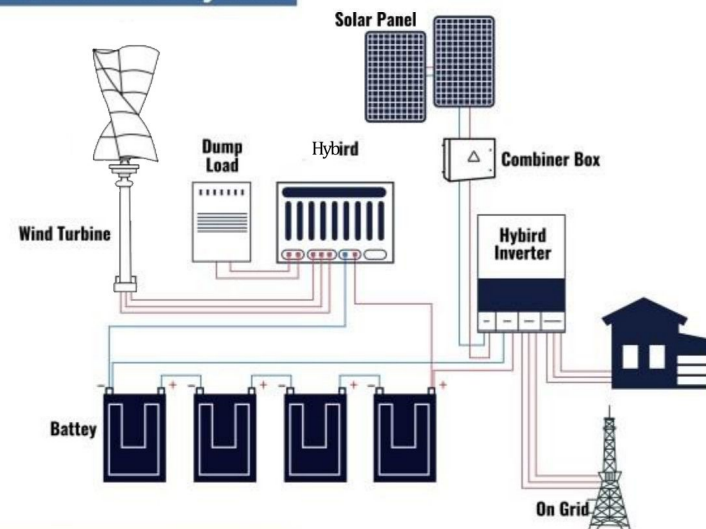
On Grid Wind System



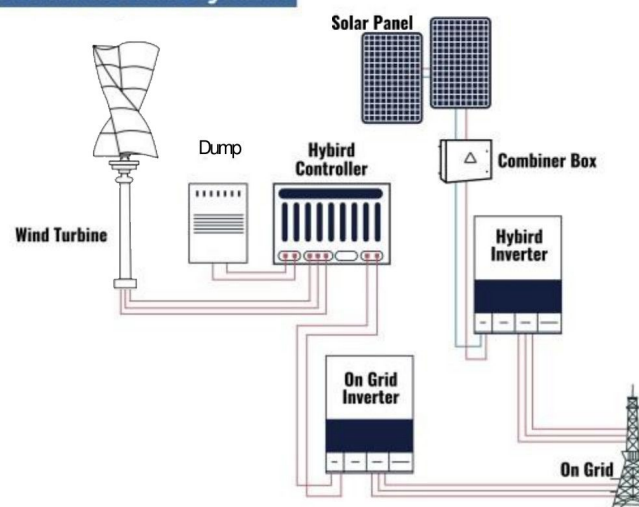
Horizontal/Connection System

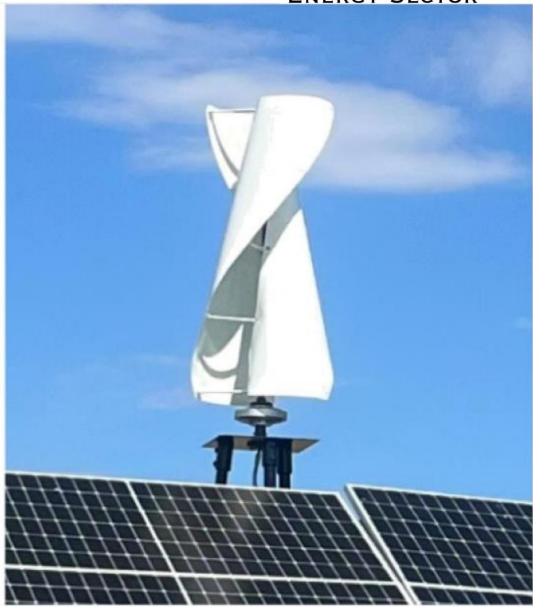
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Hybird Wind & Solar System



On Grid Wind & Solar System







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