

CLE can Offer high quality wind Energy Systems at competitive prices. They have many features to insure reliability, durability and performance.

Wind Turbine

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Wind turbines are structures that use moving air to generate electricity (wind power) through the use of blades that are easily turned by the wind. This rotating motion is translated inside the turbine into an electric current, which is then interconnected via cables to a nearby electric grid.

Wind Turbines

TECHNICAL SPECIFICATION OF 10 KW WIND

Turbine Model	CLE 10
Power	10 kW
Optimum Wind Speed	10 - 12 m/s
Cut - in Wind Speed	3,5 - 4 m/s
Cut - out Wind Speed	25 m/s
Rotor Diameter	8 - 10 m
Number of Blades	3
Blade Material	Composite coating over wooden skeleton
Controlling and Monitoring	Microprocessor Control System
Tower Height	12 - 15 m
Tower Type	Composite coating over Steel Lattice
Color	White (Standard)
Battery / Voltage	1000 Ah 12 V
Generator Type	Permanent Magnet
Yaw System	Present
Corrosion Protect	Composite coated
Temperature	- 20 / 60 °C



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