



MINI Series

MINI Plus Wind Turbine Characteristics

1. Low Start Up Wind Speed

Low wind speed series wind turbine generate more than 60% effective power than the same rotor diameter wind turbine annually.

2. High-efficient Generator

Three-phase permanent magnet synchronous wind turbine, more than 10% of the efficiency of ultra-GB, starting resistance, only be 1/3 of the GB limit, motor insulation rating class H insulation.

3. Unique Power Management System

Built-in a new intelligent controller, monitoring the wind turbine operation in real-time MPPT (Maximum Power Point Tracking) charge.

4. Innovative Noise Reduction Technology

Start and produce electricity at the 1.5m/s, noise only at 50db at 12m/s/.

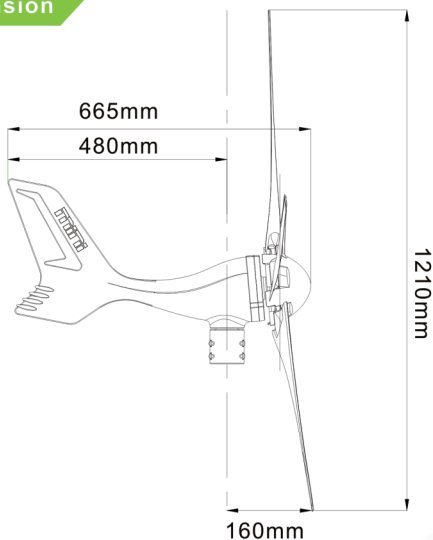
5. Perfect Wind Wheel System

The wind turbine wheel are made of a low temperature resistance, aging high strength compound material, can cope with a variety of complex wind conditions, charge wind energy into electrical energy efficiently and sustainably.

6. Unique Design Of The Rudder

Wind turbine rudders are able to respond to the wind speed and wind direction flexibly, enhancing the efficiency of power generation.

Dimension



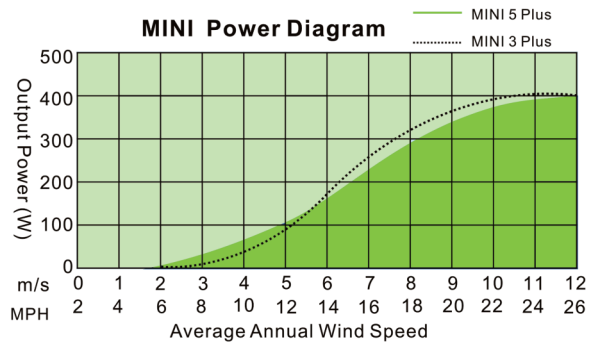
Specifications

Model: MINI 400W

MINI External Controller Wind Turbine

Start-up Wind Speed	1.5M/S
Cut In Wind Speed	2.0M/S
Rated Output Power	400W(12M/S)
Rated Voltage	12V/24V
Rotor Diameter	1.21M
Blade	5
Weight	7.1KG
Survival Wind Speed	50M/S
Over Speed Protection	Electronic Torque Control
Working Temperature	-40°C~150°C
Certificate	ISO9001:2008 CE RoHs

MINI Power Diagram



Application

