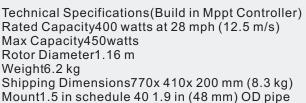
Mini 3 Series 400W Small Wind Turbine

MINI Wind Turbne Characteristics:

- 1.SKF Sweden original import bearing, low temperature resistant of -40 degrees, adapt to the alpine areas, longer service life. Using primary aluminum, free of impurities, higher hardness.
- 2. The machine adopts the Taiwan Dongming 304 stainless steel screws, brand, quality assurance, no rust and fracture, enhance its durability and life expectancy
- 3. The unique patented design of hub, with inserted connection, make sure the blades and hub match perfectly, also it is widely use to avoid the the blades fly away, effectively ensure the safety.
- 4. The blades is made of strong and durable nylon fiber and glass fiber, low temperature resistant down to -40 degree, facial hydrating UV cream, aging resistance, longer life. High fracture strength, it is safe for people.
- 5. The wind turbine use the built-in design, there is no screws outside, this design not only meet the industrial requirement, but also more beautiful. And the Yaw shaft is inside the body, make connecting area of the yaw and the host machine body larger, which make the machine more safe.
- 6.Longer tail design, which make the wind turbine more easy to catch the wind, the efficiency of generate power will become higher. Using the high-quality aerospace industry level color galvanizing technology, anti-aging design, longer working life, more suitable for highway confronting sulfur, nitrogen, carbon, also for mountain with heavy water, heavy sea salt mist, heavy fog area.
- 7. There is Inserted design at the shaft, double protection, prevent the wheels fly off, hurting others safety.

The details about the wind turbine





Start-Up Wind Speed2.0 (m/s) Cut-In Wind Speed2.5(m/s) Voltage12, 24 VDC

Turbine ControllerMicroprocessor-based smart internal regulator with Maximum Power Point Tracking BodyCast aluminum Blades3 PC Nylon Fiber

Overspeed ProtectionElectronic torque control Kilowatt Hours per Mon30KWh/mo at 3.2 m/s Survival Wind Speed35m/s Warranty3 year limited warranty



Technical Specifications (Without Build in Mppt Controller)

Rated Capacity400 watts at 28 mph (12.5 m/s)

Max Capacity450watts

Rotor Diameter 1.16 m

Weight6.2 kg

Shipping Dimensions770x 410x 200 mm (8.3 kg)

Mount1.5 in schedule 40 1.9 in (48 mm) OD pipe

Start-Up Wind Speed2.0 (m/s)

Cut-In Wind Speed2.5(m/s)

Voltage12, 24 VDC

BodyCast aluminum

Blades3 PC Nylon Fiber

Overspeed ProtectionElectronic torque control

Survival Wind Speed35m/s

Kilowatt Hours per Mon30KWh/mo at 3.2 m/s

Warranty3 year limited warranty

