

Mini 3 Series 400W Small Wind Turbine

MINI Wind Turbine 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



Technical Specifications (Build in Mppt Controller)

Rated Capacity 400 watts at 28 mph (12.5 m/s)

Max Capacity 450 watts

Rotor Diameter 1.16 m

Weight 6.2 kg

Shipping Dimensions 770x 410x 200 mm (8.3 kg)

Mount 1.5 in schedule 40 1.9 in (48 mm) OD pipe

Start-Up Wind Speed 2.0 (m/s)

Cut-In Wind Speed 2.5 (m/s)

Voltage 12, 24 VDC

Turbine Controller Microprocessor-based smart internal regulator with Maximum Power Point Tracking

Body Cast aluminum

Blades 3 PC Nylon Fiber

Overspeed Protection Electronic torque control

Kilowatt Hours per Mon 30 kWh/mo at 3.2 m/s

Survival Wind Speed 35 m/s

Warranty 3 year limited warranty

Technical Specifications(Without Build in Mppt Controller)

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MINI 3 Plus Wind Turbine Dimension

