FD3.6-2000-10 Specifications (2000W)

Type: 3 Blade Upwind
Rotor Diameter: 3.2m
Start-up Wind Speed: 2.5m/s (5.6 mph)
Cut-in Wind Speed: 3 m/s (6.7 mph)
Rated Wind Speed: 9m/s (20.1 mph)
Rated Power: 2000 Watts
Maximum Power: ~ 2500 Watts
Furling Wind Speed: 12 m/s (27 mph)
Overspeed Protection: AutoFurl
Temperature Range: -40 to +60 Deg. C (-40 to +140 Deg. F)
Generator: Permanent Magnet Alternator
Output Form: 120 VDC Nominal

Power curve

Wind speed (m/s)

Power (W)

0  500  1000  1500  2000  2500  3000  3500
0  2  4  6  8  10  12  14  16  18  20
Packing information:
1. principal machine case:
   1.1. goods inside: flange shaft, false ogive, rudder plate: 2, principal machine, user's manual.
   1.2. packing size (cm): 68×48×33.
   1.3. weight: 43kg.

2. Accessory case:
   2.1. goods inside: base, L-shaped anchor block: 4, cable clamp device: 8, flange nut: 6, cramping apparatus: 16, 18m cable conductor, 8m guy cable: 4, 16x50 tower screw: 16, 10m guy cable: 4, controller.
   2.2. packing size: 61x47x27.
   2.3. weight: 58kg.
   note: if you choose inverter, there will be an inverter in the accessory case.
3. Blade case:
3.1. goods inside: blade: 3, tail vane.
3.2. packing size: 158×23×23.
3.3. weight: 20kg.

4. tower:
4.1. goods inside: 3m tower: 2, ring anchor block: 4.
4.2. packing size: 44×31×300.
4.3. weight: 112kg.
5. Inverter

Price list (FOB SHANGHAI)
Turbine 120V (including generator, blades and controller): $690

Tubular tower (height: 9m, diameter: 273mm): $258
(Taller guyed towers also available on request)

Sine wave Inverter
120V Input  2000W 220V 50Hz  $430