FD5.0-3000-16 Specifications (3000W)

Type: 3 Blade Upwind
Rotor Diameter: 4.7 m
Start-up Wind Speed: 2.5 m/s (5.6 mph)
Cut-in Wind Speed: 3 m/s (6.7 mph)
Rated Wind Speed: 10 m/s (22.4 mph)
Rated Power: 3000 Watts
Maximum Power: ~4000 Watts
Cut-Out Wind Speed: 15 m/s (33.5 mph)
Timing manner: automatically adjust the windward angle
Overspeed Protection: AutoFurl
Temperature Range: -40 to +60 Deg. C
(-40 to +140 Deg. F)
Generator: Permanent Magnet Alternator
Output Form: 240 VDC Nominal

Power curve

<table>
<thead>
<tr>
<th>Wind speed (m/s)</th>
<th>Power (W)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>2</td>
<td>500</td>
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<tr>
<td>4</td>
<td>1000</td>
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<tr>
<td>6</td>
<td>1500</td>
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<tr>
<td>8</td>
<td>2000</td>
</tr>
<tr>
<td>10</td>
<td>3000</td>
</tr>
<tr>
<td>12</td>
<td>3200</td>
</tr>
<tr>
<td>14</td>
<td>2000</td>
</tr>
<tr>
<td>16</td>
<td>1200</td>
</tr>
<tr>
<td>18</td>
<td>600</td>
</tr>
<tr>
<td>20</td>
<td>0</td>
</tr>
</tbody>
</table>
Packing information:
1. principal machine case:
  1.1. goods inside: flange shaft, false ogive, principal machine, user's manual, base, base nuts, L anchor block: 4, ring anchor block: 4, U cable clamp device: 4, clamp device: 12, 9.5m guy cable: 4, assistant tower clamp device: 6, flange nuts, 12, tower nuts, 12, anemoscope, dogvane, controller, 30m cable conductor.
  1.2. packing size (cm): 66×51×127.
  1.3. weight: 381kg.

2. Blade case:
  2.1. goods inside: blade: 3.
  2.2. packing size(cm): 244×30×27.
  2.3. weight: 52kg.
3. Tower:
3.1. goods inside: 4.5m tower: 2, assistant tower.
3.2. packing size(cm): (38×38×450)×2.
3.3. weight: 385kg.
4. Inverter
4.1. goods inside: inverter.
4.2. packing size (cm): 65×34×44.
4.3. weight: 41kg.

Price list (FOB SHANGHAI)

- Turbine 240V (including generator, blades and controller): $2700
- Tubular tower (height: 9m, diameter: 273mm): $319
  (Taller guyed towers also available on request)
- Sine wave Inverter
  240V Input 3000W 220V50HZ $690