## Northern Power 100 Artic (Northern Power Systems)

<table>
<thead>
<tr>
<th>Main data</th>
<th>Rotor</th>
<th>Tower</th>
<th>Weights</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated power: 100 kW</td>
<td>Number of blades: 3</td>
<td>Minimum hub height: 37 m</td>
<td>Minimum hub height: 37 m</td>
</tr>
<tr>
<td>Rotor diameter: 21 m</td>
<td>Type: Pitch</td>
<td>Maximum hub height: 37 m</td>
<td>Maximum hub height: 37 m</td>
</tr>
<tr>
<td>Old model</td>
<td>Swept area: 346.4 m²</td>
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<tr>
<td>Class: IEC S</td>
<td>Power density: 3.46 m²/kW</td>
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<tr>
<td>Offshore model: no</td>
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</tbody>
</table>

### Rotor
- Number of blades: 3
- Type: Pitch
- Swept area: 346.4 m²
- Power density: 3.46 m²/kW

### Tower
- Minimum hub height: 37 m
- Maximum hub height: 37 m

### Gearbox
- Direct drive

### Generator
- Type: PM

### Wind speeds
- Cut-in wind speed: 4 m/s
- Rated wind speed: 16 m/s
- Cut-off wind speed: 25 m/s