



AWE 54-900 Power Curve

Power Curve AWE 54- 900

The performance data are valid for standard atmospheric conditions of 15 degrees C air temperature, 1013 mbar air pressure and 1.225 kg/m³ air density, clean rotor blades and horizontal undisturbed air flow. The power curve is calculated with turbulence intensity of 10% according IEC 61400-1.

Conversion Power Curve For Standard Air Density	
Standard Air Density: 1.225 kg/m³	
Wind Speed m/s	AWE 54-900 Power Output kW
1.0	0
2.0	1
3.0	9
4.0	33
5.0	73
6.0	133
7.0	213
8.0	318
9.0	447
10.0	587
11.0	767
12.0	829
13.0	883
14.0	900
15.0	900
16.0	900
17.0	900
18.0	900
19.0	900
20.0	900
21.0	900
22.0	900
23.0	900
24.0	900
25.0	900