



aria s.r.l.

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Libellula 20kW Power Curve

Wind speed (m/s)	Power (kW)
0	0,0
1	0,0
2	0,0
3	1,0
4	3,7
5	7,2
6	10,7
7	14,1
8	16,5
9	18,3
10	19,3
11	19,9
12	19,9
13	19,8
14	19,4
15	18,9
16	18,3
17	17,8
18	17,2
19	16,9
20	16,4

Libellula 20kW gross annual energy production (AEP)

Average wind speed m/s	Gross energy production MWh/year
4,0	43,0
4,5	54,1
5,0	64,8
5,5	74,8
6,0	83,8
6,5	92,0
7,0	99,1
7,5	105,4
8,0	110,9

Data is valid for standard atmospheric condition: air temperature 15°C, pressure 1013 mbar, air density 1.225 kg/m³, equipment in perfect working condition and horizontal undisturbed air flow.