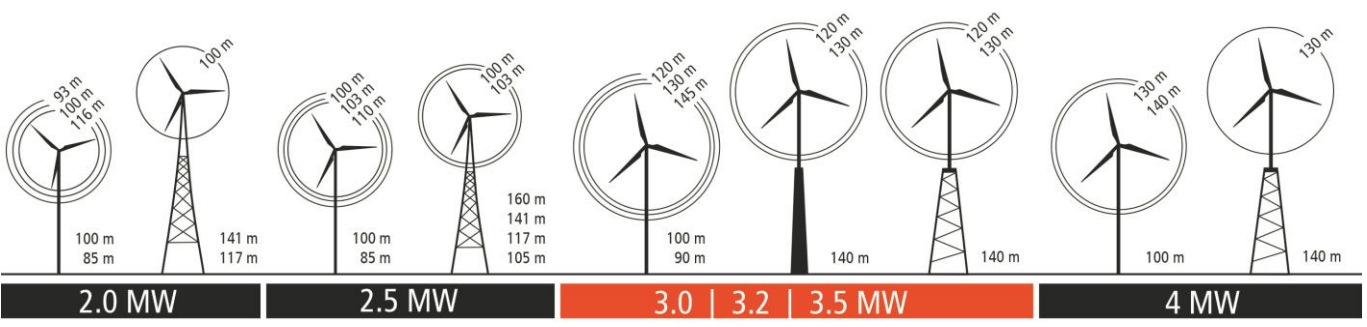


Rated Power: 3.5 MW
 Rotor diameter: 120 m
 Wind class: IEC 2a
 Drive train: LARUS Compact® Mid speed

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TECHNICAL DATA

Rated power	3.5 MW
Rotor	120 m
Wind class	IEC 2a
Cut-in wind speed	3 m/s
Rated wind speed	13 m/s
Cut-out wind speed	25 m/s
Sound power	106.9 db(A)
Hub height tubular tower	90 m 100 m
Hub height hybrid tower and K-Tower	140 m
Drive train concept - LARUS Compact®	Mid speed compact drive train in combination with torque bearing as a Plug & Play system
Electrical configuration	Medium-speed PMG with full-scale converter technology, IGBT-Converter,
Power control - LARUS Smart®	Triple independent pitch system
Safety system - LARUS Safe®	Matrix safety system

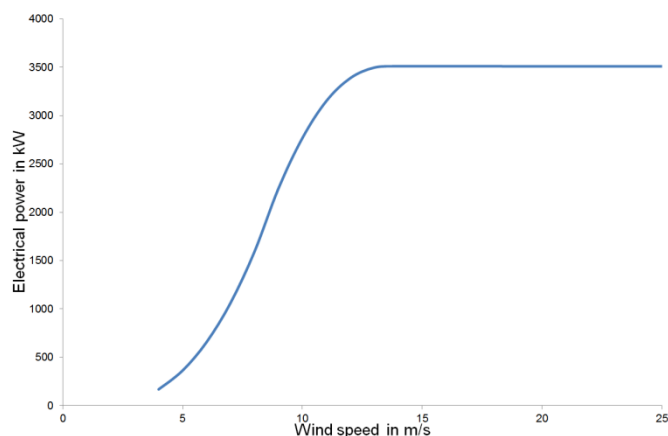
POWER CURVES*

V _{WIND} [m/s]	Power [kW]
3	39
4	168
5	363
6	657
7	1,062
8	1,592
9	2,245
10	2,767
11	3,150
12	3,387
13	3,496
14	3,500
25	3,500

ANNUAL YIELD*

V _{WIND} [m/s]	Yield [MWh]
5.0	5,753
5.5	7,207
6.0	8,684
6.5	10,142
7.0	11,548
7.5	12,881
8.0	14,127
8.5	15,274

* Standard conditions and calculations acc. to IEC 61400-12



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