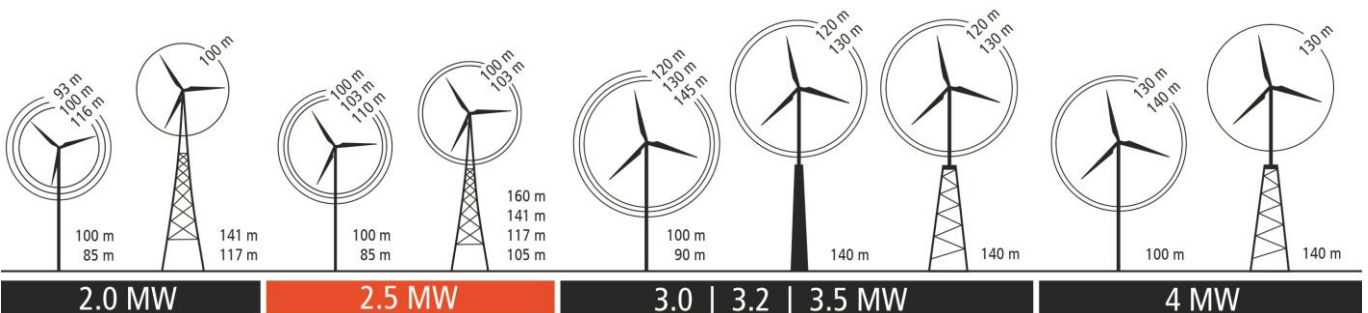


Rated power: 2.5 MW
 Rotor diameter: 110 m
 Wind class: IEC 2a
 Drive train: LARUS Compact®

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WIND TO ENERGY®



TECHNICAL DATA

Rated power	2.5 MW
Rotor	110 m
Wind class	IEC 2a
Cut-in wind speed	3.5 m/s
Rated wind speed	12.5 m/s
Cut-out wind speed	25.0 m/s
Sound power	108 dB(A)
Hub height tubular tower	85 m 100 m
Drive train concept - LARUS Compact®	Main gearbox in combination with torque bearing as a Plug&Play-system
Electrical configuration	Double fed induction generator, IGBT converter, 50 Hz, 60 Hz
Power control - LARUS Smart®	Triple independent pitch system
Safety system - LARUS Safe®	Matrix safety system

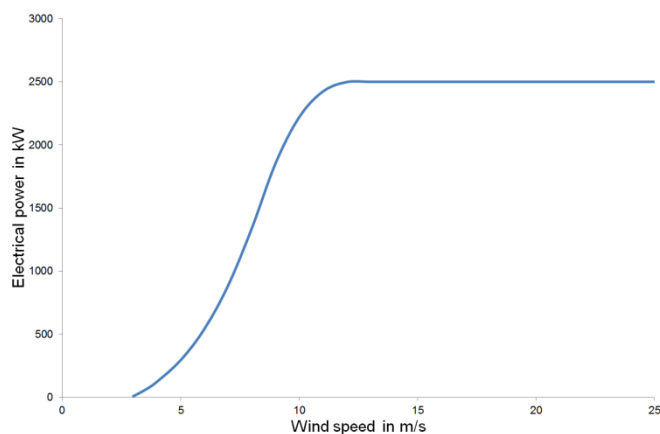
POWER CURVES*

V_{WIND} [m/s]	Power [kW] Rotor 110 m
3.5	60
4.0	125
5.0	295
6.0	542
7.0	885
8.0	1,338
9.0	1,852
10.0	2,219
11.0	2,423
12.0	2,498
13.0	2,500
14.0	2,500
25.0	2,500

ANNUAL YIELD*

V_{WIND} [m/s]	Yield [MWh] Rotor 110 m
5.0	4,561
5.5	5,707
6.0	6,849
6.5	7,954
7.0	9,002
7.5	9,979
8.0	10,879
8.5	11,699

* Standard conditions and calculations acc. to IEC 61400-12
Measured power curves on request



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