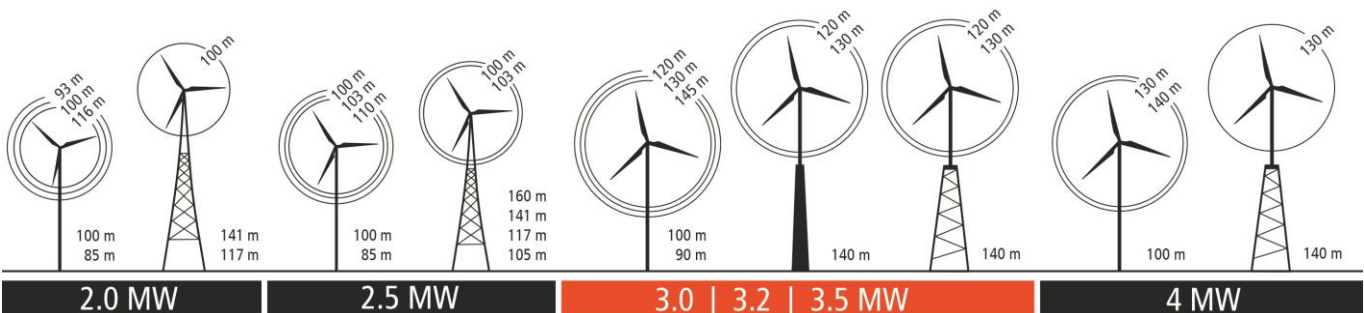


Rated Power: 3.0 MW
 Rotor diameter: 120 m
 Wind class: IEC 2a
 Drive train: LARUS Compact® with HybridDrive

TECHNOLOGY ON DEMAND



TECHNICAL DATA

Rated power	3.0 MW
Rotor	120 m
Wind class	IEC 2a
Cut-in wind speed	3.0 m/s
Rated wind speed	12.5 m/s
Cut-out wind speed	25.0 m/s
Sound power	106.5 db(A)
Full load hours Capacity factor	4,740 h 54%
Hub height tubular tower	90 m 100 m
Drive train concept - LARUS Compact®	HybridDrive in combination with torque bearing as a Plug & Play system
Electrical configuration	Medium-speed PMG with full-scale converter technology, IGBT converter, 50/60 Hz, 3 independent 3-phase windings
Power control - LARUS Smart®	Triple independent pitch system
Safety system - LARUS Safe®	Matrix safety system

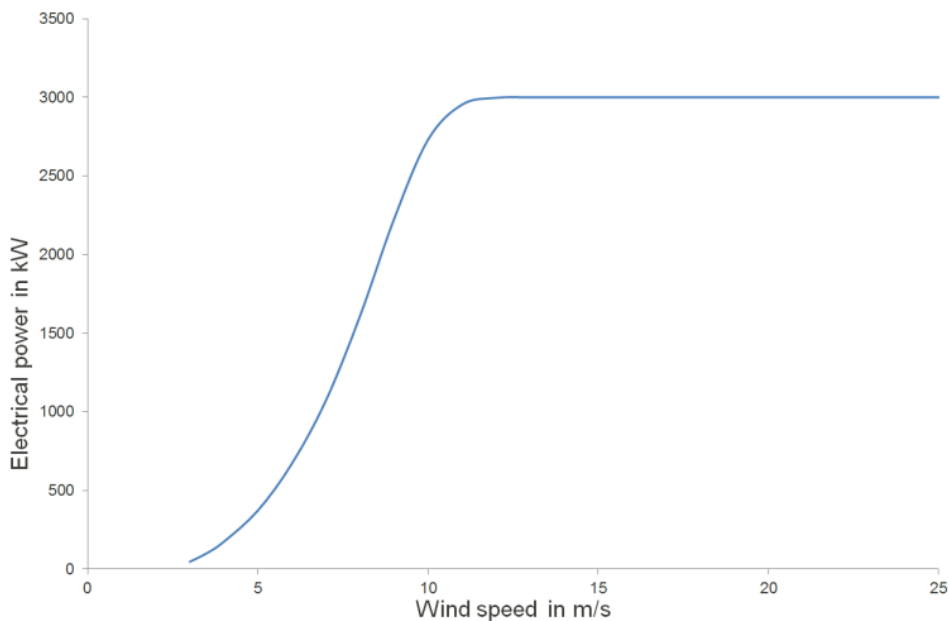
POWER CURVE*

V _{WIND} [m/s]	Power [kW]
3	47
4	175
5	373
6	671
7	1,073
8	1,609
9	2,225
10	2,731
11	2,953
12	2,997
13	3,000
14	3,000
25	3,000

ANNUAL YIELD*

V _{WIND} [m/s]	Yield [MWh]
5.0	5,779
5.5	7,135
6.0	8,485
6.5	9,793
7.0	11,032
7.5	12,188
8.0	13,252
8.5	14,219

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



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