4 - Technical Data -

Designation	**Heli 2.0**	**Heli 4.0**
Generator		
Type	Permanent magnet rotor, brushless, gearless, maintenance-free	
Weight [kg]	55	106
Rated Power (at 11 m/s)	2 kW	3,8 kW
Maximum Power	3.5 kW	7.4 kW
Efficiency	92%	
Electrical Current	3-Phase-AC	
Loading begins	3 m/s (Wind Speed)	
Work Space	150 rpm - 600 rpm	120 rpm - 440 rpm
Storm Protection	13 m/s	
Test Method	EN 61000-6-1 (EMC Susceptibility)	
	EN 61000-6-3 (EMC-Emission)	
Rotor Blades		
Hub connection flange	Steel	Aluminium
approx. diameter [m]	2,25	3
Rotor Blades	5x (Plastic injection molding)	3x (GRP hand laminated)
approx. weight per rotor blade [g]	720	2600
Repeller Color	black or white	white
Direction of Rotation	from the front in a clockwise direction	from the front left
Max. Speed [rpm]	0 rpm - 600 rpm	0 rpm - 600 rpm
Noise Emission[dB(A)]	60	40

Table 7 Technical data