4 - Technical Data -

Designation	i-300	i-500	L-500	Air Speed
Generator				
Type	Permanent magnet rotor, brushless, direct drive, maintenance-free			
Weight [kg]	5.9	6	6.6	7
Max. power	12V 22A 24V 11A	12V 35A 24V 18A	24V 35A 48V 18A	24V 40A 48V 20A
Open circuit voltage [VAC]	[12V] 0 – 330			
Open circuit voltage [VAC]	[24V] 0 – 330			
Current	3-phase			
Start of charging	Approx. 3 m/s (wind speed)			
Housing material	Plastic	Plastic Aluminium	Plastic	Aluminium
Direction of rotation	Front right			
Test standard	EN 61000-6-1 (electromagnetic compatibility – immunity)			
	EN 61000-6-3 (electromagnetic compatibility – emissions)			
Rotor blades				
Hub flange	Plastic	Aluminium		
Diameter, approx. [m]	1.25	1.17	1.22	1.15
Length per repeller (cm)	60	57	60	55
Weight per rotor blade, [g]	260	210 Carbon granules	260	180 Carbon granules
Direction of rotation	Clockwise, looking from front end			
Max. speed [rpm]	1900			
Noise emissions [dB(A)]	40	40	40	40

Table 7 Technical data