4 - Technical Data -

Designation	i-1500	i-2000
Generator		
Type	Permanent magnet rotor, brushless, gearless, maintenance-free	
Weight [kg]	22	24
Max. power	24V 60A (Max 1600W) 48V 30A (Max 1600W)	24V 80A 48V 40A (Max 2000W)
Open circuit voltage [VAC]	[24V] 0 - 90 [48V] 0 - 155	[48V] 0 - 200
Current	3-phase-AC	
Start of charging	Approx. 3 m/s (wind speed)	
Housing material	Aluminium	
Direction of rotation	Any	
Test standard	EN 61000-6-1 (electromagnetic compatibility – susceptibility)	
	EN 61000-6-3 (electromagnetic compatibility – emissions)	
Rotor blades		
Hub flange	Cast Steel	
Diameter, approx. [m]	2.20	
Rotor Blades	3 pieces of composite or carbon	
Approx. weight per rotor blade [g]	690	720
Blade Color	Black or White	
Direction of Rotation	from the front in a clockwise direction	
Max. Speed [rpm]	1000	
Noise emissions [dB(A)]	40 (carbon blade) / 60 (composite blade)	

Table 7 Technical data