

VOLOCITY

A. GENERAL

Capacity	2 pax incl. hand luggage
Aspired Certification	EASA SC-VTOL, category enhanced
Power type	Electric / batteries

B. PERFORMANCE

Max. take-off mass (MTOM)	900 kg
Max. payload	200 kg
Operating weight empty (OWE)	700 kg
Range	35 km
Max. airspeed	110 km/h

C. STRUCTURES

Materials used	Composite
Overall height	2,5 m
Diameter of the rotor rim incl. rotor	11,3 m
Diameter of the rotor rim excl. rotor	9,3 m
Diameter of a single rotor	2,3 m
Number of rotors	18

D. POWERTRAIN

D.1. Power supply & battery	
- Power supply	9 battery packs
- Battery type	Lithium-ion
- Battery system	Exchangable rechargable battery packs
- Battery swapping time	5 mins
D.2 Motors	
- Engine type	Brushless DC electric motor (BLDC)
- Number of motors	18