

BEYOND AERO LOGISTICS



MOYA eVTOL

A 100% electric vertical
take-off and landing cargo
and crop dusting drone.

MOYA



PRODUCT SPECIFICATIONS

APRIL 2023

GENERAL

Propulsion System	All-Electric
Configuration Type	eVTOL
Airframe Materials	Mainly Composite

DIMENSIONS

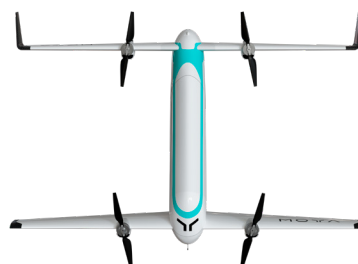
Total Length	5.1 m
Fuselage Length	4.8 m
Rear Wingspan	7.4 m
Front Wingspan	7.1 m
Height	1.8 m
Cargo Volume	0.55 m ³

PERFORMANCE

Maximum Range	110 km
Cruise Speed	150 km/h
Endurance	42 min
Take-off Distance	0 m
Landing Distance	0 m
Productivity - agro	105 ha/battery cycle

Calculated values yet to be tested.

In flight view



In flight view



Landed view



WEIGHTS

Max. Payload Weight - cargo	200 kg
Max. Payload Liters - agro	160 l
Operating Empty Weight - cargo	500 kg
Operating Empty Weight - agro	540 kg

POWERTRAIN

Power Supply	Battery
Battery Type	LiPo
Battery Capacity	83 kWh
Engine Type	Electric Brushless Rotor
Number of Rotors	4
Maximum Rotor Power	62 kW per rotor