

## Racing Dynamic VTOL 600h



VTOL 600h has an unparalleled 10-hour endurance capability, carries a payload of 25 kg, and has a datalink transmission capability of up to 100 km away. The drone adopts a modular design, which can be quickly assembled in less than 30 minutes and vertical take-off and landing without a runway. It can fully automatically cruise flight, and has aviation-grade reliability, easy to operate, and can carry various mission payloads to meet the exclusive needs of defense or business.

- Defense application: intelligence surveillance & reconnaissance.
- Commercial application: collection of geographic information, inspection of bridges and buildings, detection of environmental pollution.

### Specifications:

Item	Descriptions
Wing span	6,000 mm
MTOW	110 kg
Payload weight	25 kg
Assembly	<30 min
Fuselage	Carbon Fiber & Kevlar
IP Rate	IP54 Dust and Rain Protected
Cruise speed	100-110 km/hr
Wind resistance	up to 40km/h
Endurance	8-10 hrs
Propulsion	Hybrid, electric motor 4 sets + gasoline engine 1 set
Flight controller	STANAG 4671/4703, IEEE STD 830-1998 specifications
Ground control station	1 set military grade PC, including 16 channels drone controller and payload controller