



Multi-rotor Drone Elegant Evolve.

M 12



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M12

Intelligent Agricultural Sprayer Drone



Autonomous / Manual Mode

Our drone can work automatically or control by a controller.

Intelligent AB Point Mode

Lengthen or shorten the route apply to all irregular shapes of the field



Smart Spraying System

Front nozzles and rear nozzles can work separately In strong spraying mode, the water flow can doubling up to 3.2L / min.

IP56 Waterproof & Dustproof

Protect the drone from corrosive agrochemical. Allow it work under extreme environment.



Voyage Obstacle Avoidance

With pre-mapping, the drone will keep away from the obstacle & go back to the route automatically

Available for Night operation

High-lightness LED and smart navigation system allow it work at night.

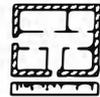
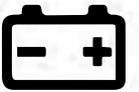


Terrain Following Radar

Identify and simulate the terrain model, compatible with complex terrain. Flight height will increase or decrease according to the terrain.

Pluggable Smart Battery

Battery replacement takes only 2 seconds with a light indicator of remain volume



Programmed Spray Route

Auto-planned route will cover the full area, without miss or overlap. Intelligent spray will increase or decrease the flow according to the speed though control of a flow-meter

One key start / return

When flying route and obstacle avoiding is been set. Drone will automatically finish the task and return to the strating point.



RTK Precise Locating

RTK centimeter level precise location system will make the flying route more accurate.

Cloud Management Platform

PC web-based system and mobile app provide real time management of smart farm.



Accessories:



RTK Stations



2.4G Remote Control



16000 mAh
Intelligent Battery



Smart Balance Charger
(2 ports)



Charger Mate
(5 ports)



Specifications:

Tank Capacity:	12 L
Unfolded Size:	1696*1696*536 mm
Width:	4 m
Recommended operation Height:	2.5 m
Flow meter	1.6/3.2L/min
Single Flight Efficiency	0.8Ha
Operation Efficiency	30-40Ha/day



wheat cotton rice soybean corn banana apple orange mango