

P1500

A Quad-rotor Drone for Agricultural Application



- Carbon fiber material
- 1550mm Diagonal wheelbase
- Max Take Off Weight: 25.22kg
- Hovering Time: 25 min(No Load)/12min(Full load)
- Recommended Speed: 4~7 m/s
- Recommended Height: 1.5~3m above the crops
- Satellite Positioning Systems: GPS / Beidou / GLONASS

System Overview

This product is a quad-rotor drone designed for agricultural. Innovative battery pluggable design offers unique hotplug features. Greatly improving the efficiency of the work. P1500 agricultural drone adopts world's leading commercial drone manufacturing technology. It is adaptable to all kinds of weather and natural environment, carrying stability flight control system, creating a truly smart, accurate, and efficient way for plant protection operation.

Technical Specification

Aircraft

Diagonal Wheelbase	1550mm
Dimensions	1100(mm) x 1100(mm) x 450(mm)
Satellite Positioning Systems	GPS/Beidou/GLONASS
Net Weight	14.72kg(32.45lb)
Max. Takeoff Weight	25.22kg(55.60lb)

Flight Parameter

Hovering Time(No load)	25mins
Hovering Time(Full load)	12mins
Wind Resistance Level	4
Max Data Transmission	2.0km
Operating Temperature	10°C ~ 40°C (50°F ~ 104°F)
Hovering Accuracy	Vertical: ±0.5m, Horizontal: ±0.2m(< Lev.3 wind)

Operation Parameter

Spray Tank	10.5L
Recommended Speed	4~7m/s
Recommended height	1.5~3m above the crops
spray width	3~4m(Depends on operation Height)
Droplet Size	80~130µm
Flow Rate(Adjustable)	1000-2000 ml/min
Operation Efficiency	8.2~10.3acres/h

Dimensions (mm)

