



Guangzhou Gesai Intelligent Electronic Technology Co., Ltd.

uav-vtoldrone.com



## HV50 Agricultural Drone 50kg Quadcopter Large Payload 50L Sprayer X13 Power

Our Product Introduction

### Basic Information

- Place of Origin: Guangdong, China
- Brand Name: GS
- Model Number: HV50
- Price: Negotiable
- Delivery Time: 6-8
- Payment Terms: T/T
- Supply Ability: 100

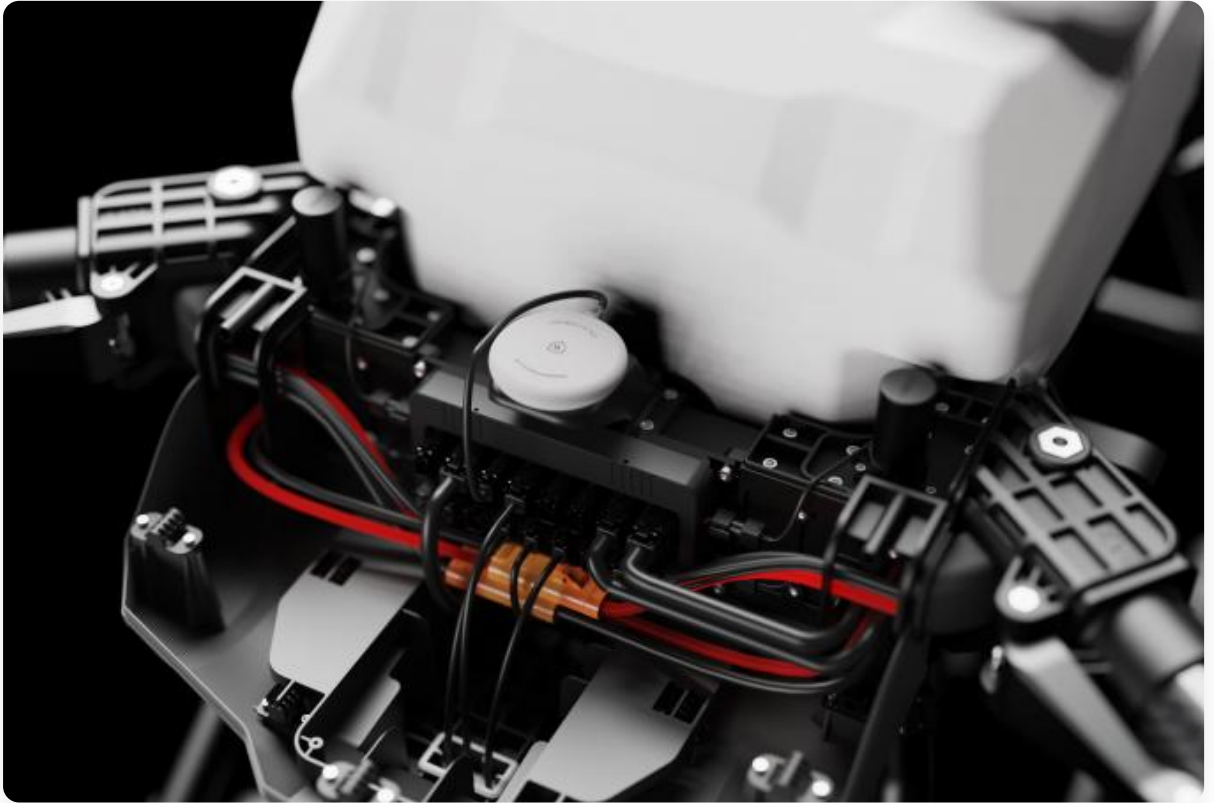


### Product Specification

- Unfold Size: 1905\*1720\*815mm
- Folding Size: 635\*1340\*815mm
- Diagonal Wheelbase: 2300mm
- Weight: 35KG
- Takeoff Weight: 99KG
- Volume Of Medicine Cabinet: 50L
- Spreader Box Volume: 80L ( Limited 50kg )
- Spraying Flow: 12L/Min
- Effective Spray Width: 6-10M
- Flight Speed: 5-10M/S
- Operation Power: 75.6V(18S)
- Battery: 18S 30000mah

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## Product Description

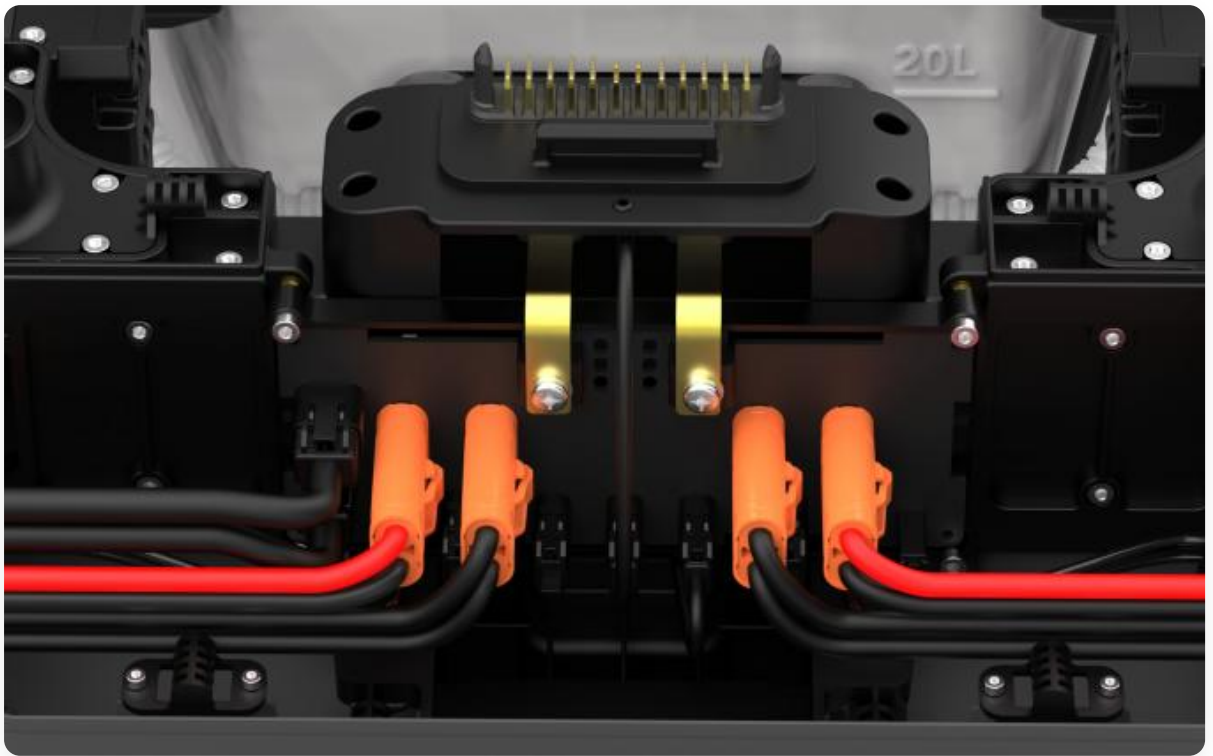


### High-Capacity Agriculture Spraying

The HV series drones are designed for efficient crop protection operations, supporting payloads from 50L. Whether you're covering orchards, rice fields, or plains, this UAV delivers powerful performance and maximum coverage.

### Precision Navigation & Obstacle Avoidance

Equipped with RTK high-precision positioning, terrain-following radar, and obstacle avoidance sensors, the HV drone adapts to complex environments and delivers pinpoint accuracy during flight and spraying.



### Night Operation Ready

Built-in LED navigation lights and adaptive night spraying modes ensure that the HV series drones can continue their mission after sunset, maximizing your working hours and productivity.

### Smart Route Planning

The intelligent control system supports auto-planning, one-key return, resume spraying, and precise waypoint navigation, simplifying the operator's workload and increasing field efficiency.



## FAQ

**Q: What is the flight time?**

A: Depending on payload, flight time ranges between 15 to 30 minutes.

**Q: Can it perform automatic spraying?**

A: Yes, the drone supports intelligent spraying based on GPS routes or RTK mapping.

**Q: Is it waterproof?**

A: The fuselage is built with IPX6-level waterproof protection for harsh agricultural conditions.

**Q: Can it work at night?**

A: Yes, it supports night-time operation with LED lighting and stable terrain sensing.

**Q: What types of crops can it handle?**

A: It is suitable for rice, wheat, corn, sugarcane, cotton, fruit trees, tea fields, and more.



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