



## Hybrid VTOL Drone with Operating Temperature Range -10°C to 50°C, IPX4 Protection, and Double Cylinder 60cc Engine

Our Product Introduction

### Basic Information

- Brand Name: GS
- Certification: ISO,CE
- Model Number: XW
- Minimum Order Quantity: 1
- Delivery Time: 6~8 Day
- Supply Ability: 500



### Product Specification

- Climb Rate: 4 M/s ( Fixed Wing )
- Wind Resistance: Take-off Level 5; Cursing Level 6
- Protection Degree: IPX4
- Level Speed: 48-110 M/s
- Maximum Speed: 50 Km/h
- Length: 3930 Mm
- Flight Mode: Vertical Take-Off And Landing
- Engine: Double Cylinder 60cc
- Highlight: **Operating Temperature Range -10°C to 50°C  
VTOL Drone  
, IPX4 Protection VTOL Drone,  
Double Cylinder 60cc Engine Hybrid VTOL  
Drone**

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## Product Description

### Hybrid VTOL Drone with Superior Flight Stability

This advanced VTOL drone represents cutting-edge innovation in aerial technology, engineered to meet demanding commercial applications. Combining vertical takeoff and landing capabilities with fixed-wing flight efficiency, this commercial UAV offers unparalleled versatility and performance for long-range missions in robust operational conditions.

#### Key Performance Features

**Commercial VTOL UAV** designed for versatile applications across multiple industries

**High wind resistance** with Take-off Level 5 and Cruising Level 6 capability

**Wide temperature operation** from -20°C to 45°C (-10°C to 50°C operating range)

**Impressive climb rate** of 4 m/s for fixed-wing operation

**Extended mission range** up to 120 km for comprehensive coverage

**Durable construction** with IPX4 protection against water splashes

**Mapping survey capability** for accurate data collection

#### Technical Specifications

Maximum Speed	50 km/h
Wind Resistance	Take-off Level 5; Cruising Level 6
Level Cruising Speed	35 m/s
Payload Capacity	2 Kilograms
Maximum Range	120 km
GPS Enabled	Yes
Climb Rate	4 m/s (Fixed Wing)
Protection Degree	IPX4
Temperature Range	-20°C to 45°C
Operating Temperature	-10°C to 50°C

#### Industrial Applications

The GS XW VTOL UAV, certified with ISO and CE standards, is designed for versatile applications across multiple industries. Its advanced flight mode allows seamless transition from vertical take-off to efficient forward flight, making it ideal for operations in confined spaces and long-distance missions.

##### Primary Application Areas

**Aerial Surveying & Mapping:** Ideal for agricultural monitoring, land surveying, and environmental research with reliable performance in various weather conditions including light rain and dusty environments.

**Infrastructure Inspection:** Perfect for energy, infrastructure, and utilities sectors to inspect hard-to-reach areas like power lines, wind turbines, and pipelines without requiring large launch spaces.

**Search & Rescue Operations:** GPS-enabled system helps quickly locate missing persons and monitor disaster-stricken zones with extended flight range supporting prolonged missions.

With quick delivery times of 6-8 days and supply capacity up to 500 units, this VTOL UAV is accessible for both small-scale users and large enterprises seeking advanced drone technology for commercial delivery, environmental monitoring, industrial inspection, or emergency response applications.



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