



Double Cylinder 60cc Engine VTOL Drone with 120 Km Max Range and Level 6 Wind Resistance Fixed Wing VTOL UAV

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

- Flight Mode: Vertical Take-Off And Landing
- Max Range: 120 Km
- Protection Degree: IPX4
- Wind Resistance: Take-off Level 5; Cursing Level 6
- Maximum Speed: 50 Km/h
- Engine: Double Cylinder 60cc
- Gps Enabled: True
- Length: 3930 Mm
- Highlight: **Double Cylinder 60cc Engine VTOL Drone, 120 Km Max Range Fixed Wing VTOL UAV , Level 6 Wind Resistance Vertical Takeoff and Landing Drone**

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Product Description

Double Cylinder 60cc Engine VTOL Drones

Advanced hybrid VTOL drones combining vertical takeoff and landing capabilities with fixed-wing efficiency for professional aerial operations.

Product Overview

The VTOL Drones represent a significant advancement in aerial technology, combining vertical takeoff and landing capabilities with the efficiency and range of fixed-wing UAVs. These GPS-enabled drones are designed for precise navigation and positioning in various applications, including detailed mapping and survey missions.

Key Performance Features

- Hybrid VTOL design for versatile flight capabilities
- Vertical takeoff and landing functionality
- Cruising speed of 35 m/s for efficient travel
- Maximum speed of 50 km/h for rapid deployment
- 2 kg payload capacity for essential equipment
- Wind resistance: Take-off Level 5, Cruising Level 6
- Operational temperature range: -20°C to 45°C
- Long endurance capability for extended flight duration

Technical Specifications

Operating Temperature	-20°C to 45°C
Climb Rate (Fixed Wing)	4 m/s
GPS Enabled	Yes
Maximum Range	120 km
Protection Degree	IPX4
Flight Mode	Vertical Take-off and Landing
Level Speed	48-110 m/s
Payload Capacity	2 kg
Maximum Speed	50 km/h
Length	3930 mm

Applications

The GS XW VTOL Drone is designed to meet demanding industrial and commercial requirements with ISO and CE certification.

Primary Applications

- **Mapping & Surveying:** High-resolution aerial imagery and data collection over large areas for land surveying, agricultural monitoring, and environmental assessment
- **Industrial Inspection:** Infrastructure inspection, pipeline monitoring, and asset management in confined spaces and challenging environments
- **Commercial Operations:** Versatile aerial platform for oil & gas, construction, and utility industries requiring quick deployment and maneuverability

With vertical takeoff and landing capability, the drone operates effectively in confined spaces without requiring runways or extensive setup areas.



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