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Dynamic Aerial Delivery

DELIVERY

DJI FLYCART 30

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DJI FlyCart 30 is here to deliver the goods. A long-distance heavy lifter with powerful signal and intelligence, DJI FlyCart 30 supports Cargo mode and Winch mode and ascends beyond traditional logistical limits to deliver a safe, economical, and efficient air transport solution.



Heavy Loads, Long Distances

30 kg Max Payload[1]
28 km Range Without Payload[2]
16 km Range With Full Payload[3]
20 m/s Max Speed[4]
Measured in dual battery mode.

Convenient Configurations

Foldable
70 L EPP Cargo Case
Winch System

Fully-Automatic Operations

DJI Pilot 2
DJI DeliveryHub
Health Management System

Safe and Smart

IP55 & Anti-Corrosion[10]
Dual Radar & Dual Vision
Intelligent Obstacle Sensing[11]
Dual Battery & Parachute

Built for Extremes

6000 m Max Flight Altitude[5]
-20° C to 45° C Operating Temperature[6]
12 m/s Max Wind Speed Resistance[7]

Strong Signal

20 km O3 Transmission[8]
Dual Operator Mode[9]
High-Resolution FPV Gimbal Camera

Send What's Needed Where It's Needed

- 30 kg Max Payload (Dual Batteries)
- 40 kg Max Payload (Single Battery)
- 28 km Max Flight Distance Without Payload (Dual Batteries)
- 16 km Max Flight Distance with Full Payload (Dual Batteries)
- 20 m/s Max Flight Speed; 15 m/s Cruising Speed (with Carbon Fiber Propellers)

All-Weather Performance

- 6,000 m max flight altitude, for operations across diverse terrain types
- -20°C to 45° C operating temperature, for hot and cold environments
- 12 m/s max wind speed resistance, for stability in adverse weather conditions

Stable Long Range Video Transmission

- 20 km O3 transmission, with strong anti-interference ability
- Dual Operator Mode enables enables two pilots in different locations to transfer control of the drone with one click
- High-resolution FPV gimbal camera for real-time aerial awareness

Deliver With Safety and Reliability

- IP55 dustproof, waterproof, and corrosion-resistant
- Front and Rear Active Phased Array Radars and a dual Binocular Vision system to achieve Multidirectional Obstacle Sensing
- Multiple redundancy protection measures such as dual batteries and parachutes

Choose Your Payload Configuration

- Foldable design for conventient transportation and flexible transitions.
- Cargo Mode: Land and deliver payloads from acargo box with a max payload capacity of 40 kg[12][13]
- Winch Mode: Hover and deliver payloads with a descending rope that can be controlled manually or automatically.

One-Stop Solution to Drone Delivery

- DJI Pilot 2 displays real-time flight status, cargo status, and other interactive interfaces for efficient and safe operation
- DJI DeliveryHub facilitates efficient task planning, comprehensive operation status monitoring, centralized team resource management, and data collection and analysis.
- Health Management System displays device status, maintenance information, and DJI Care status.

1. Measured at sea level. Please pay attention to the difference between single and dual battery states. The maximum loaded weight must not exceed the recommended value. Avoid placing sharp objects when using cargo boxes. Avoid goods hitting the landing gear when using the winch system. Otherwise, flight safety may be compromised.
2. Measured with DJI FlyCart 30 (operating on dual batteries) flying at a constant 15 m/s in a windless environment at sea level without payloads until displayed battery level reached 0%. Data is for reference only. Please pay attention to the Return to Home (RTH) prompts in the DJI Pilot 2 app during your flights.
3. Measured with DJI FlyCart 30 (operating on dual batteries) flying at a constant 15 m/s in a windless environment at sea level with a full payload until displayed battery level reached 0%. Data is for reference only. Please pay attention to the Return to Home (RTH) prompts in the DJI Pilot 2 app during your flights.
4. Measured with DJI FlyCart 30 (operating on dual batteries) flying with a full payload in a windless environment at sea level. Data is for reference only.
5. The load capacity of DJI FlyCart 30 decreases as the takeoff altitude increases. An altitude of 6,000 meters is the maximum safe altitude for DJI FlyCart 30 flying in dual batteries mode without a payload (takeoff at an altitude of 4,500 meters). An altitude of 3,000 meters is the maximum safe altitude for DJI FlyCart 30 flying with a full payload.
6. Measured with estimated solar radiation of 960 W/m2. Long-term exposure to high temperatures may shorten the service life of certain components.
7. During takeoff and landing, DJI FlyCart 30 can resist a maximum wind speed of 12 m/s.
8. Measured with FCC compliance in an unobstructed environment with low interference. Data is for reference only. During your flight, please pay attention to reminders in the app.
9. A second remote controller is sold separately.
10. The protection rating is not permanent and may decline due to aging and wear caused by long-term use. The protection rating does not apply to the propulsion system. After a flight in rain, it is recommended to keep it idling on the ground for 1 minute to prevent corrosion or rust to afflict the propulsion system (precipitation of more than 24.9 mm within 24 hours).
11. Effective sensing range and obstacle sensing capabilities may vary depending on ambient light, rain, fog, and the material, position, shape, and other properties of the obstacles. Downward sensing is mainly used to assist in measuring ground clearance. Sensing in other directions is used for obstacle avoidance.
12. The drone needs to use a single battery.
13. The internal dimensions of the cargo box are approximately 573 mm in length, 416 mm in width, and 306 mm in height.