

Technical parameters of 16 liters model LJ 16L-606

Standard configuration

Aircraft	Remote controller	Battery (12S-22AH)	Battery charger	Camera & spotlight	Pesticide tank	Toolkit	Package box
							
1 unit	1 unit	1 pcs	1 unit	1 set	2 units	1unit	1unit

Optional parts introduction

Optional parts	Image	Optional parts	Image
Smart Battery 12S-22000mah		Handheld GPS point device	
Battery charger (Double plug)		Terrain following radar	
Charger expansion equipment (1 drag 4 plugs)		Obstacle avoidance radar	

Technical Parameters of Sprayer Drone LJ16L-606

➤ FEATURES

Spray Tank Volume	16 L
Operating Efficiency (Per Hour)	8-9 hectares
High-Precision terrain follow radar	Optional
High-Precision obstacle avoid radar	Optional
High-Precision Flow Meter	√
RTK	Optional
FPV Camera + spotlight	√
Dynamic Flow Control	√
Edit Waypoint by flight GPS	√
Particle spreading device	No

➤ SPRAY SYSTEM

Standard Operating Payload	16 kg
Nozzle Model	High pressure nozzle
Nozzle Quantity	4
Max Spray Rate	3 L/min
Droplet Size	100 – 200 μm
Spray Width	5 m

➤ AIRCRAFT

Total weight (Without battery)	17 kg
Standard Takeoff Weight	40 kg
Hovering Accuracy Range (Based on Strong GPS Signal)	Horizontal ±0.6 m Vertical ±0.3 m
Hovering Time (Based On Hovering At Sea Level, With Wind Speeds Lower Than 3m/S)	23 min (without load) 10.20 min (Full load without spray)
Max Operating Speed	8 m/s
Max Flying Speed	10 m/s
Max Wind Speed Resistance	8 m/s
Recommended Operating Temperature	0 to 40°C

➤ AIRCRAFT FRAME

Diagonal Wheelbase	1800 mm
Dimensions (arms unfolded)	1800x1800x700 mm
Dimensions (arms folded)	950x1050x700 mm

➤ **Smart BATTERY**

Brand	LOVOL
Capacity	12s-22000mah
Weight	6.4 kg
Discharge Rate	20 C
Protection Rating	IP 55
Voltage	44.4 V

➤ **REMOTE CONTROLLER**

Model	LOVOL DK32
Operating Frequency	2.400-2.483 GHz
Max Transmission Range (Unobstructed, Free Of Interference)	3 km

➤ **FPV CAMERA (Optional)**

View Angle	120°
Resolution	1280×960 30fps

➤ **FPV SPOTLIGHT**

Max Intensity	19 lux @ 8m
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➤ **HIGH-PRECISION RADAR (Optional)**

Terrain Follow radar	Altitude Measurement Range: 1-30 m Hold Altitude Range: 1-10 m
Obstacle Avoidance radar	Obstacle Sensory Range: 1.5-30 m (varies according to the material, position, shape, and other properties of the obstacle) FOV: horizontal: ±25° vertical: 0°-10° Working Conditions: Altitude greater than 1 m and a flying speed of less than 6 m/s Safety Distance: 3 m Obstacle Avoidance Direction: Forward and backward obstacle avoidance depending on flight direction
Protection Rating	IP 55