

16L DRONE



16L drone



Features:

EQUIPPED WITH SMART BATTERY	FPV FIRST PERSON PERSPECTIVE
POWERFUL	LIGHTWEIGHT
EASY TO CARRY FOR WORK	SUPER COMPATIBILITY

A six axis multi rotor unmanned aerial vehicle designed specifically for agricultural crop protection, with efficient, precise, and stable operational capabilities, suitable for pesticide spraying, foliar fertilization, and other agricultural operations in various terrains and crops. It can significantly improve agricultural production efficiency, reduce labor costs, and reduce pesticide use while protecting the environment.

Product parameters:			
Rack wheelbase	1721mm	Motor	X8 30inch
Medicine box capacity	16L	Battery	22000mAh 12s
Net weight of rack	7.47kg	Full load flight time	7~8min
Net weight of medicine box	1.4kg	Arm outer diameter	40mm
Unfold size	2301 * 2241 * 813mm	Obstacle avoidance	Front obstacle avoidance
Folding size	1026 * 581 * 813 mm	Altitude	5000m
Available colors	Orange/White	Wind resistance level	Level 6
Dust proof and Waterproof	Dust proof and waterproof, with a waterproof rating of IP65, can be directly rinsed with water		

20L DRONE



20L drone



Features:

EQUIPPED WITH SMART BATTERY	FPV FIRST PERSON PERSPECTIVE
POWERFUL	LIGHTWEIGHT
EASY TO CARRY FOR WORK	SUPER COMPATIBILITY

A high-performance crop protection drone designed specifically for agricultural spraying operations. It is equipped with a power system and flight control, which can achieve autonomous flight and precise spraying, improve pesticide utilization, reduce labor costs, and is suitable for agricultural operations in various terrains.

Product parameters:			
One machine for multiple purposes	spraying+spreading	Folding size	972 * 623 * 868mm
Various models	quick disassembly battery, quick disassembly medicine box	Available colors	Orange/White
Rack wheelbase	1820mm	Power	X9 Plus 36inch
Medicine box capacity	20L	Battery	22000mAh 14s
Net weight of rack	8.71kg	Full load flight time	7~8min
Net weight of medicine box	1.62kg	Arm outer diameter	40mm
Unfold size	2465 * 1882 * 868mm	Number of axes	Four axes
Dust proof and Waterproof	Dust proof and waterproof, with a waterproof rating of IP65, can be directly rinsed with water		

30L DRONE



30L drone



Features:

EQUIPPED WITH SMART BATTERY	FPV FIRST PERSON PERSPECTIVE
POWERFUL	LIGHTWEIGHT
EASY TO CARRY FOR WORK	SUPER COMPATIBILITY

A agricultural unmanned aerial vehicle that emphasizes "small investment, high efficiency", with the characteristics of easy purchase, easy use, and easy maintenance. The body design is exquisite and the performance is excellent, which can meet the crop protection needs of small farmers and agricultural growers, improve operational efficiency, and reduce labor intensity.

Product parameters:

Rated capacity of spray medicine box	30L	Spread range	5-10 meters
Water pump form	metering peristaltic pump	Spraying method	centrifugal disc type
Type of nozzle	Wind pressure centrifugal nozzle	FPV camera angle	horizontal 140 ° , vertical 87 °
Maximum atomization capacity	5L/min (single nozzle)	Distribution box capacity	45L
Spray range	5-8 meters	Battery capacity	20000mAh
Maximum load capacity of broadcasting box	30kg	Full load flight time	7~8min
Obstacle avoidance methods	forward obstacle avoidance, autonomous obstacle avoidance		

50L DRONE

Newly upgraded with a large flow impeller pump and water-cooled centrifugal nozzle, the spray can be quickly switched;The brand new 2.0 flight control system provides smoother human-machine interaction and makes plant protection operations easier. Integrated spraying and broadcasting, fast switching, meeting the needs of multi scene operations.



50L drone



Features:

EQUIPPED WITH SMART BATTERY	FPV FIRST PERSON PERSPECTIVE
POWERFUL	LIGHTWEIGHT
EASY TO CARRY FOR WORK	SUPER COMPATIBILITY

Product parameters:

Empty weight (excluding battery)	36.7kg	Unfold size	Spray 3045 * 3078 * 830mm Spread 3045 * 3078 * 890mm
Empty weight (including battery)	51.4kg	Folding size	Spray 1113 * 781 * 841mm Spread 1113 * 781 * 890mm
Spread empty weight (excluding battery)	37.2kg	Idle hover time	17.5min (18S 30000mah battery)
Weight of broadcasting empty machine	51 9kg	Full load hover time	7min (18S 30000mah battery)
Maximum takeoff weight	101.4kg	Working environment temperature	0-40 °C
Wheelbase	2299mm		

60L DRONE



60L drone



Features:

EQUIPPED WITH SMART BATTERY	FPV FIRST PERSON PERSPECTIVE
POWERFUL	LIGHTWEIGHT
EASY TO CARRY FOR WORK	SUPER COMPATIBILITY

A versatile agricultural unmanned aerial vehicle designed for various agricultural scenarios such as fields and fruit trees. It has strong load-bearing capacity, excellent protective performance, and efficient operation efficiency, which can meet the agricultural plant protection needs of different users and improve agricultural production efficiency and quality.

Product parameters:

Symmetrical motor wheelbase	2200mm	Recommended working environment temperature	0~40 °C
Single arm length	850mm	Rated capacity of homework box	60L
Empty weight (including battery)	59.6kg (in spray state) 61.5 kg (in spray state)	Water pump type	metering peristaltic pump
Rated takeoff weight	119.6kg (in spray state) 131.5kg (in spray state)	Number of channels	2
Maximum flight speed	13.8m/s	Maximum flow rate	20L/min (single water pump)
Maximum takeoff altitude	2000m	Protection level	IP67

70L DRONE



70L drone



Features:

EQUIPPED WITH SMART BATTERY	FPV FIRST PERSON PERSPECTIVE
POWERFUL	LIGHTWEIGHT
EASY TO CARRY FOR WORK	SUPER COMPATIBILITY

The agricultural perception system has been fully upgraded. The new ALS spot array scanning laser compound eye and active directional control array radar have more comprehensive obstacle avoidance capabilities, with a 360 degree x 180 degree ultra wide viewing angle for full area obstacle avoidance. The observation distance has been increased to 150 meters, achieving full coverage of dead tree branches, diagonal lines, and power poles from top to bottom in the work site. New sport mode has been added, allowing the drone to climb faster and significantly improve lifting efficiency.

Product parameters:

Maximum wheelbase	2600mm	Battery capacity	45000mAh
External dimensions	1324 * 800 * 950mm	Maximum flow rate	4 nozzles 40L/min
Standard capacity of medicine box	70L	Atomized particle size	10-300um
Number of standard nozzles	4	Lifting load capacity	75KG
Maximum effective spray width	15 meters	Working/Charging Time	12min/9min
Rated load capacity of spreader	80KG	Protection level	Module IP67, whole machine IPX6K
Charging power	13000W		