

B100 Agriculture Drone

Large-Load | Efficient | Stable | Durable



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70L Large Volume
Spreading



A Spraying/Spreading Drone with Large Payload
Large-Load | Efficient | Stable | Durable

50L Heavy
Load Spraying



New | Stronger Driving Force

- 56in carbon fibre and nylon propellers, solid and anti-corrosion
- Large load capacity
- Operating speed up to 13.5M/S



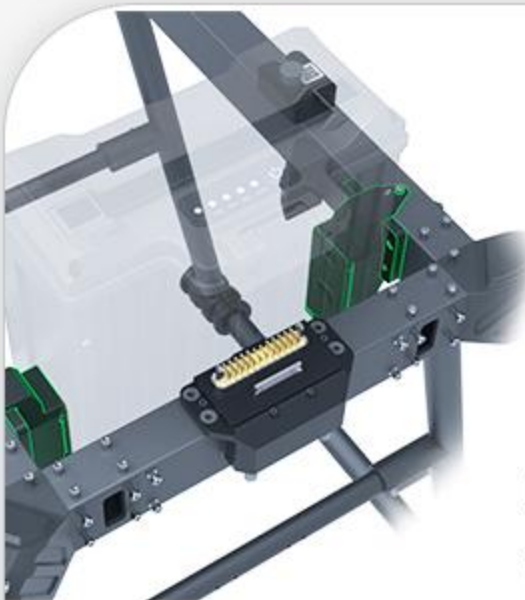
【Upgraded Remote Control】

Battery capacity up to
20000MAH
With ergonomic handle
and confort lanyard



【Single Axis Gimbal FPV】

HD smooth video, tilting up to 90°
Stable structure ensures video stability



【Floating Type Plug】

Effectively Reduces
Vibration with the Battery



Vertical Folding Arm

Vertical folding arms occupy
less area
Fast folding design boosts
efficient transportation

Fold vertically | 4 Arms Locking Secure

Self-adapting, no fear of interspace;
Prevent arms from shaking,
energizing stabler flight



Double atomization centrifugal nozzle



High flow
rate up to 12L

Inner
rotor motor

High heat
dissipation efficiency

Inner rotor high-efficiency brushless motor

4312 Inner rotor brushless motor
Efficient heat dissipation
High torque and strong atomization



Double atomization centrifugal disc

Double disc design, low power and high atomization
High flow range supports atomization of 50-500 microns



Centrifugal nozzle efficiently dissipates heat

Air-cooled heat dissipation enclosure
Fully submerged motor liquid cooling



BP14 Brushless Water Pump

Various Application Scenarios: Designed for both pressure nozzle and centrifugal nozzle, suction available, high lift

Small in Size — 100*125*90mm

Light in Weight — 610g

High Flow Rate — Max 15L/Min
Rated 0.5-14L/Min



Self-developed AG6 Flight Controller

Integrated Avionics System

Waterproof, Dustproof, and Corrosion-Resistant



B100 Split Frame Design



Whole die-cast connecting pieces

increase strength

Open frame lowers maintenance costs

Floating Type Plug



Mistake-proof design for plugs simplifies wiring.
Water-proof and dust-proof eradicate worry of washing.



High Precision Weighing System



Real-time Residual Material Detection for
More Precise Operations



Super Large Volume Tank



50L Pesticide Tank

Oversize loading port allows easy and fast loading

Multiple filters eliminate the fear of residue

70L Fertilizer Tank

Oversize loading port holds a whole pack of fertilizer with ease
360° spreading, discharging rate up to 80kg/min



Technical Parameters



Overall Parameter	Rated Load	50kg
	Max Load	52kg
	Empty Load Weight	55kg
	Rated Takeoff Weight	105kg
	Transport Dimension	1054*834*1120mm
	Overall Dimension	1725*1755*1075mm
	Empty Load Hovering Time	18min15s
	Full-load Hovering Time	7min30s

Battery Parameter	Model	ZAB1830
	Weight	≈13.5kg
	Battery Dimension	175mm*275mm*309mm
	Cells	18S
	Capacity	30000mAh
	Nominal Voltage	68.4V

Spreading Parameter	Fertilizer Tank Volume	70L
	Spreading Efficiency	5.3 Ha/h
	Spreading Endurance	Each battery≈ 6 times , 240KG fertilizer
	Spreading Range	6~15m(varies with the discharging rate of height)
	Max Discharging Rate	80kg/min
	Suitable Material	0.5~20mm dry solid particle

Spraying Parameter	Pesticide TankVolume	50L
	Spraying Efficiency	6.67~20 Ha /h
	Spraying Range	8–10m(varies with height)
	Flow Rate	Single Pump: 12L/min、 Double Pumps: 24L/min
	Number of Nozzles	2/4 pieces
	Filtration Grade	Level 3(dosing hole , discharging hole ,nozzle)
	Atomizing Diameter	50–500μm

C9000 Fuel Generator Parameter	Model	ZAM79D0–01
	Output Voltage	DC45.0~78.3V 9000W(Max.) AC220V 1000W(Max.)
	Frequency	50Hz
	Displacement	500cc
	Weight	72KG
	Fuel Tank Capacity	36L
	Dimension	700±5 x 595±5 x 620±5 mm
	Max Power	12000W
	Rated Power	9000W

C1830 Smart Charger Parameter	Model	ZAC8045–01
	Weight	5.5kg
	Charger Dimension	~300×137×198mm(without charger cable) ~790×137×198mm (within charger cable)
	Number of Channels	Single channel
	AC Input Interface	10A(AC voltage range: 90–290V)
	Power	Rated 3000W (Home–use slow charging)
	Charging Time	40min (20%~100%)

Remote Control Parameter	Model	H12 PRO
	Effective Signal Range (open ground)	1200–1500M
	Built–in Battery	3.7V 2S Lithium Battery 20000mAh
	Number of Channels	12
	Ambient Temperature	–10°C~55°C
	Storage Temperature	–20°C~70°C
	Battery life	8–12H