ABO GROUP TECHNOLOGY CO., LTD

SUMMRY REPORT

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ABO GROUP was founded in 1997 and specialize in Electronics products ,charging solution including Charging Docks & Charging cabinets ,rolling towers & trolley for Mobile phones, EV Charger, electronics products such as security surveillance,airdone, IOT products

OEM ODM welcome.

Micky Liao



abo group Welcome

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CONTENT

OEM/ODM Electronics parts & products:

Automatic Bus Door Motors, all kinds of motors
Power supply, adaptors

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Charging solution

including Charging Docks & Charging cabinets & trolley for Mobile phones, Tablet & LapTop, smart charging system for meical carts

EV charger for cars,

Electronics products & IOT
all kinds of electronics OEM ODM items
available,
airdone,security surveillance

History of ABO GROUP

1997

2000

2016~





Electronics parts: Automatic Bus Door Motors, all kinds of motors

ABO GROUP

Charger cabinet/carts/Tower Charger locker, Housings of server

ABO GROUP

electronics products
EV charger,
airdone
AIOT projects
AR/VR/XR





Products introduction

Agriculture Drone

Model: ABO-5 Wheelbase: 1170MM

Product Size: 1580x1270x475mm Folding Size: 605x640x475mm

Operation Power: 22.2V (6S)

Weight: 10.6KG(including Battery3kg)

Loading: 5KG

Flight Speed: 3-10M/S

Spray Width: 3-8M/S

Max. Takeoff Weight: 20KG Flight Control Systems: VK-7.AG

Dynamic System: Hobbywing xrotor pro X6

Spraying System:Pressure Spray

Water Pump Pressure:0.5mPa

Spraying Flow: 1.5-5KG/Min(Max. 5KG/Min)

Flight Time: Empty Tank:10-15Min; Full Tank:5-8Min

Operational: 1-2Acres/Min

Power Battery: 6S 16000mah

Charging Time: 20-30min

Recharge Cycles: 300-500 times

Daily efficiency(6hours): 100-200acres

Packing Box: Flight Case 70*70* 60CM



For more solutions and details please contact us



- 1) Android ground station, easy to use / PC ground station, full voice broadcast
- 2) Router Setting support, Fully Auto Flight operation with A,B Point operation.
- 3) One Button take-off and landing, More safety and time saving.
- 4) Contrinue Spraying at Breakpoint, Auto Return when finish liquid and low Battery.
- 5) Liquid Detection, Break Point record setting.
- 6) Battery Detection, Low Battery return and Record point setting available.
- 7) Heigh Control Radar, Stable Altitude setting, Suppoting Imitative Earth function.
- 8) Flying Layout setting available
- 9) Vibration Protection, Lost Contect protective, Drug Cut protection
- 10) Motor Sequance Detection and Direction detection Function.
- 11) Dual Pump Mode
- 12) Cam Recorder, Real-time transmission available.

Enhance Configuration (Pls PM for more info)

- 1) Ascent or Descent according to Terrain Imitative Earth.
- 2) Obstacle avoidance Function, Surrounding Obstacles detection.
- 3) Seed Sowing function, Additional seed Spreader, or ETC.....
- 4) RTK Precise Positioning.

10D **Quadrotor Drone**

Model: ABO-10D

Wheelbase: 1400MM

Product Size: 1500x1500x600mm

Folding Size: 620x620x600mm

Empty Weight: 11.85KG

Maximum Weight: 10KG

Battery Life: ≥35MIN

Wind Loading:Lever 8

Protection Grade: IP56

Cruising Speed:0-20m/s

Working Voltage61.6V

Battery Capacity:30000MAh

Flying Altitude: ≥5000Meters

Working Temperature:-30°C~70°C



For more parameters and details please contact us











10KG Load Fast Power Supply 35 Minutes of Battery Life Folding Portable Multi-task Load

10D electric multi-rotor UAV, folding design, small size, easy to fly. In hybrid flight mode, it provides 35 minutes of no-load endurance. The integrated carbon fiber design of the body ensures the uav's rigid, high-strength product quality, even in high altitude, strong winds and other harsh environments, it can still maintain a smooth and durable endurance. Equipped with a newly designed high-performance motor, intelligent electricity and high-strength propeller, uav provides power support for various industry applications with super-large load, high efficiency and excellent reliability. Products are widely used in emergency rescue, air transport, fire fighting, transport supplies and other fields.

30D Six Propeller Drone

Model: ABO-30D
Wheelbase: 1980MM
Product Size: 2080x2080x730mm
Folding Size: 890x920x730mm
Empty Weight: 17.8KG
Maximum Weight: 30KG
Battery Life: ≥70MIN
Wind Loading:Lever 9
Protection Grade:IP56
Cruising Speed:0-20m/s
Working Voltage61.6V
Battery Capacity:52000MAh
Flying Altitude: ≥5000Meters

Working Temperature:-30°C~70°C



30KG Load Fast Power Supply 70 Minutes of Battery Life Folding Portable

30D electric multi-rotor UAV, folding design, small size, heavy load, flexible flight. Core solid state lithium battery power mode, provides a maximum of 70 minutes of no-load endurance. The integrated carbon fiber design of the body ensures the uav's rigid, high-strength product quality, even in high altitude, strong winds and other harsh environments, it can still maintain a smooth and durable endurance. Equipped with a newly designed high-performance motor, intelligent electricity and high-strength propeller, uav provides power support for various industry applications with super-large load, high efficiency and excellent reliability. Products are widely used in emergency rescue, air transport, fire fighting, transport supplies and other fields.

30DH Oil-powered Drone

Model: ABO-30DH

Wheelbase: 1980MM

Product Size: 2080x2080x730mm

Folding Size: 890x920x730mm

Empty Weight: 31.2KG

Maximum Weight: 30KG

Battery Life: ≥260MIN

Wind Loading:Lever 10

Protection Grade:IP56

Cruising Speed:0-20m/s

Engine Power: 7000W

Flying Altitude: ≥5000Meters

Working Temperature:-30°C-70°C

Fuel type: 92# gasoline +2T oil



30KG Load Fast Power Supply 260 Minutes of Battery Life Folding Portable Multi-task Load

30DH hybrid multi-rotor UAV, folding design, small size, heavy load, flexible flight. In hybrid flight mode, it provides a maximum no-load endurance of 260 minutes. Overall equipped with support battery, can effectively prevent engine failure, flameout in the air, to avoid the crash, the body of the integrated carbon fiber design, to ensure the uav tough, high strength product quality, even in high altitude, strong wind and other harsh environment, still can maintain a smooth and durable endurance. With super load, high efficiency and excellent reliability for all kinds of industries application power support. Products are widely used in emergency rescue, air transport, fire fighting, transport supplies and other fields.

50D 4-Axis 8-Wing Drone

Model: ABO-50D

Wheelbase: 1800MM

Product Size: 1900x1900x730mm

Folding Size: 800x800x730mm

Empty Weight: 23.2KG

Maximum Weight: 60KG

Battery Life: ≥70MIN

Wind Loading:Lever 9

Protection Grade:IP56

Cruising Speed:0-20m/s

Working Voltage61.6V

Battery Capacity:104000MAh

Flying Altitude: ≥5000Meters

Working Temperature:-30°C~70°C



50D electric multi-rotor UAV, with folding design, small size, heavy load, flexible flight. Core solid state lithium battery power mode, provides a maximum of 70 minutes of no-load endurance. The integrated carbon fiber design of the body ensures the uav's rigid, high-strength product quality, even in high altitude, strong winds and other harsh environments, it can still maintain a smooth and durable endurance. Equipped with a newly designed high-performance motor, intelligent electricity and high-strength propeller, uav provides power support for various industry applications with super-large load, high efficiency and exce-llent reliability. Products are widely used in emergency rescue, air transport, fire fighting, Delivery Items supplies and other fields.

80D Eight Propeller Drone

Model: ABO-80D

Wheelbase: 1730MM

Product Size: 1900x1900x790mm

Folding Size: 670x670x790mm

Empty Weight: 28.5KG

Maximum Weight: 80KG

Battery Life: ≥70MIN

Wind Loading:Lever 9

Protection Grade:IP56

Cruising Speed:0-20m/s

Working Voltage61.6V

Battery Capacity:104000MAh

Flying Altitude: ≥5000Meters

Working Temperature:-30°C~70°C



80D electric multi-rotor UAV, split-wing structure folding design, small size, heavy load, flexible flight. Core solid state lithium battery power mode, provides a maximum of 70 minutes of no-load endurance. The integrated carbon fiber design of the body ensures the uav's rigid, high-strength product quality, even in high altitude, strong winds and other harsh environments, it can still maintain a smooth and durable endurance. Equipped with a newly designed high -performance motor, intelligent electricity and high-strength propeller, uav provides power support for various industry applications with super-large load, high efficiency and excellent reliability. Products are widely used in emergency rescue, air transport, fire fighting, supplies and other fields.

100D 6-axis 12-wing Drone

Model: ABO-100D Wheelbase: 2140MM Product Size: 2200x2100x840mm Folding Size: 1180x1100x840mm Empty Weight: 39.6KG Maximum Weight: 100KG Battery Life: ≥65MIN Wind Loading:Lever 10 Protection Grade: IP56 Cruising Speed:0-20m/s Working Voltage:61.6V Battery Capacity:208000MAh

Flying Altitude: ≥5000Meters Working Temperature:-30°C~70°C



Folding Portable Multi-task Load

100KG Load Fast Power Supply 65 Minutes of Battery Life

100D electric multi-rotor UAV, split-wing structure folding design, small size, heavy load, flexible flight. Core solid state lithium battery power mode, provides a maximum of 65 minutes of no-load endurance. The integrated carbon fiber design of the body ensures the uav's rigid, high-strength product quality, even in high altitude, strong winds and other harsh environments, it can still maintain a smooth and durable endurance. Equipped with a newly designed high -performance motor, intelligent electricity and high-strength propeller, uav provides power support for various industry applications with super-large load, high efficiency and excellent reliability. Products are widely used in emergency rescue, air transport, fire fighting, supplies and other fields.

Agriculture Drone

Model: ABO-410S

Wheelbase: 1500MM Product Size: 1500x1500x570mm Folding Size: 750x750x570mm Operation Power: 44.4V (12S) Weight: 10KG Loading: 10KG Flight Speed: 3-8M/S Spray Width: 3-5M/S Max. Takeoff Weight: 26KG Flight Control Systems: V7-AG Dynamic System: X8 Spraying System:Pressure Spray Water Pump Pressure:0.8mPa Spraying Flow: 1.5-4 KG/Min(Max. 4KG/Min) Flight Time: Empty Tank: 20-25Min; Full Tank: 7-10Min Operational: 1.5-3 Acres/Min Power Battery: 12S 16000mah Charging Time: 0.5-1hour Recharge Cycles: 300-500 times Daily efficiency(6hours): 300-600acres Packing Box: Flight Case 70*70* 60CM



please contact us

Standard Configuration

- 1) Android ground station, easy to use / PC ground station, full voice broadcast
- 2) Router Setting support, Fully Auto Flight operation with A,B Point operation.
- 3) One Button take-off and landing, More safety and time saving.
- 4) Contrinue Spraying at Breakpoint, Auto Return when finish liquid and low Battery.
- 5) Liquid Detection, Break Point record setting.
- 6) Battery Detection, Low Battery return and Record point setting available.
- 7) Heigh Control Radar, Stable Altitude setting, Suppoting Imitative Earth function. 8) Flying Layout setting available
- 9) Vibration Protection, Lost Contect protective, Drug Cut protection
- 10) Motor Sequance Detection and Direction detection Function.
- 11) Dual Pump Mode
- 12) Cam Recorder, Real-time transmission available.

Enhance Configuration (PIs PM for more info)

- 1) Ascent or Descent according to Terrain Imitative Earth.
- 2) Obstacle avoidance Function, Surrounding Obstacles detection.
- 3) Seed Sowing function, Additional seed Spreader, or ETC
- 4) RTK Precise Positioning.

Agriculture Drone

Model: ABO-416S Wheelbase: 1500MM Product Size: 1500x1500x570mm Folding Size: 750x750x570mm Operation Power: 44.4V (12S) Weight: 14KG Battery5.3KG Loading: 16KG Flight Speed: 3-8M/S Spray Width: 3-5M/S Max. Takeoff Weight: 36KG Flight Control Systems: V7-AG Dynamic System: X9 Spraying System:Pressure Spray Water Pump Pressure:0.8mPa Spraying Flow: 1.5-4 KG/Min(Max. 4KG/Min) Flight Time: Empty Tank: 20-25Min: Full Tank: 7-10Min Operational: 1.5-3 Acres/Min Power Battery: 12S 22000mah Charging Time: 0.5-1hour Recharge Cycles: 300-500 times Daily efficiency(6hours): 300-600acres Packing Box: Flight Case 70*70* 60CM



Standard Configuration

- 1) Android ground station, easy to use / PC ground station, full voice broadcast
- 2) Router Setting support, Fully Auto Flight operation with A,B Point operation.
- 3) One Button take-off and landing, More safety and time saving.
- 4) Contrinue Spraying at Breakpoint, Auto Return when finish liquid and low Battery.
- 5) Liquid Detection, Break Point record setting.
- 6) Battery Detection, Low Battery return and Record point setting available.
- 7) Heigh Control Radar, Stable Altitude setting, Suppoting Imitative Earth function. 8) Flying Layout setting available
- 9) Vibration Protection, Lost Contect protective, Drug Cut protection
- 10) Motor Sequance Detection and Direction detection Function.
- 11) Dual Pump Mode
- 12) Cam Recorder, Real-time transmission available.

Enhance Configuration (Pls PM for more info)

- Ascent or Descent according to Terrain Imitative Earth.
- Obstacle avoidance Function, Surrounding Obstacles detection.
- Seed Sowing function, Additional seed Spreader, or ETC......
- 4) RTK Precise Positioning.

Agriculture Drone

Model: ABO-616S

Wheelbase: 1700MM Product Size: 2350x2350x750mm Folding Size: 870x870x750mm Operation Power: 44.4V (12S) Weight: 16KG Battery5.3KG Loading: 16KG Flight Speed: 3-8M/S Spray Width: 3-5M/S Max. Takeoff Weight: 38KG Flight Control Systems: V7-AG Dynamic System: X8 Spraying System:Pressure Spray Water Pump Pressure:0.8mPa Spraying Flow: 1.5-4 KG/Min(Max. 4KG/Min) Flight Time: Empty Tank: 20-25Min; Full Tank: 7-10Min Operational: 1.5-3 Acres/Min Power Battery: 12S 22000mah

Charging Time: 0.5-1hour

Recharge Cycles: 300-500 times

Daily efficiency(6hours): 300-600acres

Packing Box: Flight Case 100*90*70CM

16L Drone



For more solutions and details please contact us

Standard Configuration

- 1) Android ground station, easy to use / PC ground station, full voice broadcast
- 2) Router Setting support, Fully Auto Flight operation with A,B Point operation.
- 3) One Button take-off and landing, More safety and time saving.
- 4) Contrinue Spraying at Breakpoint, Auto Return when finish liquid and low Battery.
- 5) Liquid Detection, Break Point record setting.
- 6) Battery Detection, Low Battery return and Record point setting available.
- 7) Heigh Control Radar, Stable Altitude setting, Suppoting Imitative Earth function.
- 8) Flying Layout setting available
- 9) Vibration Protection, Lost Contect protective, Drug Cut protection
- 10) Motor Sequance Detection and Direction detection Function.
- 11) Dual Pump Mode
- 12) Cam Recorder, Real-time transmission available.

Enhance Configuration (Pls PM for more info)

- Ascent or Descent according to Terrain Imitative Earth.
- Obstacle avoidance Function,
 Obstacles detection
- Surrounding Obstacles detection.

 3) Seed Sowing function, Additional
- seed Spreader, or ETC.....
- 4) RTK Precise Positioning.



Agriculture Drone

Model: ABO-620S Wheelbase: 1700MM

Product Size: 2350x2350x750mm

Folding Size: 870x870x750mm

Operation Power: 44.4V (12S) Weight: 20KG Battery6.3KG

Loading: 20KG

Flight Speed: 3-8M/S

Spray Width: 3-6M/S

Max. Takeoff Weight: 48KG Flight Control Systems: V7-AG

Dynamic System: X8

Spraying System:Pressure Spray

Water Pump Pressure: 0.8mPa

Spraying Flow: 1.5-3 KG/Min(Max. 4KG/Min)

Flight Time: Empty Tank: 20-25Min: Full Tank: 7-10Min

Operational: 2-3 Acres/Min

Power Battery: 14S 20000mah

Charging Time: 0.5-1hour

Recharge Cycles: 300-500 times

Packing Box: Flight Case117*102*91CM

Daily efficiency(6hours): 300-900acres



Standard Configuration

please contact us

- 1) Android ground station, easy to use / PC ground station, full voice broadcast
- 2) Router Setting support, Fully Auto Flight operation with A,B Point operation.
- 3) One Button take-off and landing, More safety and time saving.
- 4) Contrinue Spraying at Breakpoint, Auto Return when finish liquid and low Battery.
- 5) Liquid Detection, Break Point record setting.
- 6) Battery Detection, Low Battery return and Record point setting available.
- 7) Heigh Control Radar, Stable Altitude setting, Suppoting Imitative Earth function.
- 8) Flying Layout setting available
- 9) Vibration Protection, Lost Contect protective, Drug Cut protection
- 10) Motor Sequance Detection and Direction detection Function.
- 11) Dual Pump Mode
- 12) Cam Recorder, Real-time transmission available.

Enhance Configuration (Pls PM for more info)

- 1) Ascent or Descent according to Terrain Imitative Earth.
- 2) Obstacle avoidance Function. Surrounding Obstacles detection.
- 3) Seed Sowing function, Additional seed Spreader, or ETC.....
- 4) RTK Precise Positioning.

Agriculture Drone

Model: ABO-625S

Wheelbase: 1700MM

Product Size: 2000x1900x760mm Folding Size: 1240x1240x760mm Operation Power: 51.8V (14S) Weight: 20KG Battery6.95KG Loading: 25KG Flight Speed: 3-8M/S Spray Width: 5-8M/S Max. Takeoff Weight: 51KG Flight Control Systems: V7-AG Dynamic System: X9 Spraying System:Pressure Spray Water Pump Pressure:0.8mPa Spraying Flow: 1.5-5 KG/Min(Max.5KG/Min) Flight Time: Empty Tank: 20-25Min; Full Tank: 7-10Min Operational: 3-5 Acres/Min

Power Battery: 14S 27000mah

Recharge Cycles: 300-500 times

Daily efficiency(6hours): 300-900acres

Packing Box: Flight Case117*102*91CM

Charging Time: 0.5-1hour



Standard Configuration

11) Dual Pump Mode

- 1) Android ground station, easy to use / PC ground station, full voice broadcast
- 2) Router Setting support, Fully Auto Flight operation with A,B Point operation.
- 3) One Button take-off and landing, More safety and time saving.
- 4) Contrinue Spraying at Breakpoint, Auto Return when finish liquid and low Battery 5) Liquid Detection, Break Point record setting.
- 6) Battery Detection, Low Battery return and Record point setting available.
- 7) Heigh Control Radar, Stable Altitude setting, Suppoting Imitative Earth function. 8) Flying Layout setting available
- 9) Vibration Protection, Lost Contect protective, Drug Cut protection
- 10) Motor Sequance Detection and Direction detection Function.
- 12) Cam Recorder, Real-time transmission available.

Enhance Configuration (Pls PM for more info)

- 1) Ascent or Descent according to Terrain Imitative Earth.
- 2) Obstacle avoidance Function, Surrounding Obstacles detection.
- 3) Seed Sowing function, Additional seed Spreader, or ETC....
- 4) RTK Precise Positioning.

All Standard with H12 Series **Digital Picture Transmission Remote Control**





12-channel receiver



H12 series digital image transmission remote controller adopts the new Surge processor, equipped with Android embedded system, uses advanced SDRtechnology and super protocol stack to make image transmission clearer, lower delay, longer distance and stronger anti-interference. H12 series remote control equipped with dual-axis camera, support 1080P digital HD image transmission. Thanks to the double antenna design of the product, the signals complement each other, and the advanced frequency hopping algorithm greatly increases the communication ability of weak signals

Product Features

1080P Digital HD Picture Transfer

H12 series remote control with MIPI camera, to achieve 1080P real-time digital HD video transmission

Ultra remote image transmission

H12 digital integrated link transmission up to 10km

Waterproof and dustproof design

Products in the fuselage, control switch, each peripheral interface have done waterproof, dustproof protection measures

Industrial grade equipment protection

Using weather silica gel, frosted rubber, stainless steel, aviation aluminum alloy material development, to ensure the safety of equipment

High definition and bright display
5.5-inch IPS display. 2000NITS highlighting, 1920X1200 resolution, super large

High performance lithium battery

High energy density lithium ion battery, 18W fast charge, full charge can work for

H12 Digital Map Transmission Remote Control

	Remote Control Parameters		Receiver Parameters	
Product Model	H12	Product Model	R12	
Working Voltage	4.2V	Working Voltage	7.2~72V	
Spectrum	2.400~2.483GHZ	Radio Frequency Power	20DB@CE/23DB@FCC	
Upgrade	APP Online upgrade	The Channel Number	16	
Size	272×183×94mm	Size	76×59×11mm	
Battery Life	6~20 Hour	Weight	90g	
The Channel Number	12	Camera		
Radio Frequency Power	20DB@CE/23DB@FCC	Product Model	MIPI	
Frequency Hopping	New FHSS FM	Working Voltage	14~72V	
Weight	530g	Operating Current (Light On)	140mA	
Battery	10000mA/h	Operating Current (Light Off)	14mA	
Communication Distance	10km	Size	102.1×42.6×36.5mm	
The Charging Interface	TYPE-C	Weight	55g	

Drone Application Solution

One-stop Multi-functional UAV Customization

More application cases













For All Series **Ground Standard Earth Stations**









































Normal Flight (GPS)



Detarce Course Speed Attude

0.0m 0.0m/s -1.7m

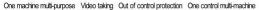






Add Routes







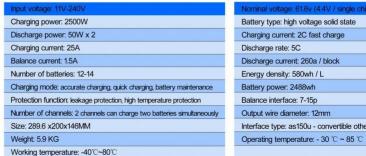
Product Parameters

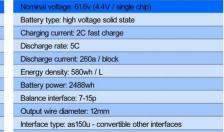


Solid State High Energy Battery

Product Parameters

Power Station Solid-state Batteries







Searchlight

14x pod







Water based fire extinguishe Dry powder fire extinguisher



isible night vision 33x pod



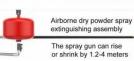
Fire bomb launche

manipulator





Fire spraying and bstacle removal device



Dry powder injection device -



imaging pod



temperature



Hose as-fire

3mm smoke bomb

3 light thermal imaging emperature measuremei



95 rifle PTZ Quick thrower



device



Portable ground station



centimeter positioning



All above cameras have target tracking function



telligent throwing warehouse



30-100km

Customized



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Thank you