



HYDROGEN CRAFT
氢航科技



HydroCopter Mini

2h

Ultra Long Endurance

-40°C

No Discount Flight Time

1kg

payload

20km

control radius

Product Introduction

HydroCopter Mini is a compact and portable version hydrogen drone with a payload capacity of 1.5 kg. It is featured with foldable arms and a total weight of 11kg, while still be able to fly up to 2 hours. It also compatible with most payload within its weight allowance. 12V and 24DC is provided on board.

Product Parameters

Axle to Axle	992mm
Folded Size	559mm
Power Source	1300W Hydrogen Fuel Cell
MTOW	10.5kg
Max Payload	1kg
Cruising Speed	0m/s to 13m/s
Max Endurance	2h
Hovering Accuracy	0.3m
Positioning and Navigation	Compatible to Beidou/GPS/GLONASS

Rainproof level	2mm/min
Dust resistance	IP5
Wind resistance	15m/s
Noise level	<65dBA@3m
Hydrogen storage tank	Type III cylinder 5L@35MPa Φ 152 * 395
Safety features	Return on low battery, data link failure or return command
Intelligent flight	Head lock, return point lock, points of interest, fly route editing, auto pilot/taking off/landing

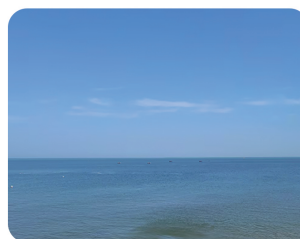
Application Area



Winter Inspection



Power Grid Inspection



Maritime Inspection



Pipeline Inspection

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