



BotusMov

SOLAR PANEL
CLEANING DRONE

H40



SOLAR CLEANING SPECIALISTS

H40 SERIES FOR SOLAR PANEL CLEANING CUT LABOR, BOOST YIELD, IMPROVE SAFETY.

ENGINEERED FOR:

- Photovoltaic Cleaning
- Agriculture
- Logistics & Transportation
- Reconnaissance
- Power Line Inspection
- Emergency rescue



KEY FEATURES	REMOTE CONTROL START · STOP · FLIGHT · CLEANING	300_{CM} CLEANING WIDTH	RTK POSITIONING · CM- LEVEL ACCURACY · STABLE FLIGHT	10_{M/S} FLIGHT SPEED	WATER TANK CAPACITY: 40 L
	CLEANING FLOW RATE 8,000_{ml/min}	AUTONOMOUS FLIGHT · AB ROUTE · MANUAL MODE	ENDURANCE TIME 21_{min}	VISUAL CONTROL & REAL-TIME MONITORING	



BotusMov

SOLAR PANEL
CLEANING DRONE

H40

UAV SPECIFICATIONS

DIMENSIONS

LENGTH

1,875_{mm}

WIDTH

2,035_{mm}

HEIGHT

890_{mm}

WEIGHT

44.2_{kg}

Basic Parameters

- Number of Rotors: 6 rotors, three-blade propeller
- Drone Weight (with no load): 44.2kg
- Take off weight (fully loaded): 84.2kg
- Battery: 18s 24000mAh(Standard Two Batteries)
- Charger: 7200w Input Voltage 90-264ac

UAV Cleaning Efficiency

- 31.1 m²/min (≈13.5 panels)
- 124.4 m²/trip (≈54 panels)
- 622 m²/h (≈270 panels)
- 6,210 m²/day (≈2,700 panels / 10h)

Cleaning Parameters

- Flight Duration: 7-21min
- Cleaning Nozzle: 4 fan-shaped cleaning nozzles, nozzle water outlet angle 15°
- Cleaning Method: Swing arm cross cleaning
- Nozzle Pressure: 0.7Mpa

Intelligent Features

- Auto Flight
- RTK Positioning
- Obstacle Avoidance
- FPV Vision
- Pinpoint Cleaning
- Auto Return

SMARTER AUTONOMOUS SOLAR CLEANING

We design and manufacture high-performance cleaning drones built for solar power plants. From large-scale PV arrays to complex terrains, our solutions reduce labor, boost efficiency, and enhance safety.

Powered by advanced flight control and precision cleaning systems, the H40 Series delivers reliable, fully autonomous solar panel cleaning.

Go beyond limits—with BotusMov.



WWW.BOTUSMOV.COM

0513-89110618