



Introducing

Ceres Air

Black Betty

Stacked



40 gal

Spraying Tank

53 gal

Spreading Tank

397 lbs

Max Payload

20 acres

1 Flight Coverage

11 gpm

Max Flow Rate

661 lb/min

Max Spreading Rate

617 lbs

Max Takeoff Weight

1.2 mi

Maximum Image
Transmission Range

Ready to Spray Kit

Smart Charger × 2

Smart Battery × 6

Black Betty Stacked (C31)

Multifunctional Remote
Controller with RTK Marker



Full-System Upgrade



Sensing System

Omnidirectional radar matrix:

- Front-mounted LiDAR.
- 360° rotating millimeter-wave radar.
- Downward radar.
- Rear radar.



Powertrain Design

Eight “Stacked” counter-rotating motors:

- 70-inch carbon fiber blades.
- 8 industrial-grade flat wire motors.
- Single-axis max thrust: 276 lbs.
- Rugged, overbuilt design enhances flight stability and safety.



Operational Efficiency

- Huge payload capabilities, providing superior performance on large fields.
- Automatic terrain designed for following our complex agricultural environments.
- Four rear nozzle design to provide uniform droplet size at high flow rates.
- Automatic obstacle detection assistance - sometimes you forget about a tree.

Technical Specifications

Dimensions	152×156×42 inches (arms/blades unfolded) 54×48×42 inches (folded)	Spraying Tank Volume	40 gal
Max Take-off Weight	617 lbs	Atomized Droplet Size	50-500 micron
Structure Layout	4 arm - 8 motor configuration	Spreader Tank Volume	53 gal
Battery Capacity	38000 mAh × 2	Lifting Payload Capacity	397 lbs
Fast Charging Time	25% to 95% in approx. 10 min 25 sec	Cable Length	49 ft (standard)
Charger Input Voltage	110 V~220 V AC	Remote Control Screen	8 inches
FPV Camera Field of View	80° horizontal / 170° vertical	Remote Control Battery Life	≥ 7 hours

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🌐 www.ceresair.com