



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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