



Hylio AG-230 Spec Sheet – US Customary Units

Aircraft	
Total Weight (without batteries)	61 lb
Maximum Recommended Takeoff Weight	165 lb
Maximum Thrust	270 lb
Maximum Operating Speed	30 mph
Flight Time	Full Payload: approx. 8 min Mixed: approx. 12-15 min @ 25 lb/min payload application rate No Payload: approx. 20 min <i>Flight times are affected by numerous conditions such as weather conditions, altitude relative to MSL, temperature, battery age/health, and other factors.</i>
Maximum Flight Altitude	15,000 ft MSL Reduce payload by 12% for each increase of 3,000 ft in density altitude
Wheelbase	83.5 in.
Material	Carbon Fiber, Aluminum, Plastic
Dimensions	81 x 81 x 25 in. (arms unfolded, no propellers)
	44 x 44 x 25 in. (arms folded, no propellers)
Spray System	
Maximum Payload (Weight)	85 lb (near sea level)
Maximum Payload (Volume)	8 gal
Nozzle Compatibility	Compatible with any TeeJet or similar style nozzle tips. Optional rotary atomizer nozzles available.
Pump System	2 x Diaphragm Pump, 65 PSI
Flow Rate (no nozzle)	0.4 – 4.0 gal/min
Flow Rate (with TT 11003 nozzle tip)	3.0 gal/min
Effective Swath Width	20 – 30 ft
Productivity Rate	Up to 50 ac/hr at 1 gal/ac
Spreader System	
Maximum Payload (Weight)	85 lb (near sea level)
Maximum Payload (Volume)	5.2 gal
Weight of Device	3.5 lb
Optimal Particle Size	0.02 – 0.4 in.
RPM Range	Up to 1600 RPM.
Aperture Control	3 channels, allowing 0 – 174 deg total opening
Effective Swath	Up to 40 ft
Maximum Flow Rate	Up to 80 lb/min (dependent on material type)
Device Dimensions	8 x 6 x 7.5 in.
Productivity Rate	Up to 60 ac/hr at 20 lb/ac
Particle Type	Hard materials such as silica can cause structural damage to the UAS itself and its components (such as the propellers). Use of hard materials will alter warranty terms; use at your discretion. See Operations Manual for more details.



Propulsion	
Motor KV	100 rpm/V
Foldable Propeller	30 x 9 in.
Configuration	Octocopter
Operating Voltage	12S (44.4 V)
Battery	
Battery System	2 x 12S 16 Ah (44.4 V) Intelligent LiPo Batteries
Battery Weight	9 lb each; total = 18 lb
Charger	
Type	Dual Channel
Input Voltage	100 – 240V
Output Power	AC220V: 3000W AC110V: 1200W
Compatibility	LiPo: 12S/14S; LiHV: 12S
Dimensions	11.5 x 5.5 x 11 in.
Weight	12 lb
Charging Current	AC220V Fast Charge: 60A Single Channel Max Standard Charge: 30A Single Channel Max; 60A Total Across Two Channels AC110V 20A Single Channel Max; 60A Total Across All Channels
Weather	
Ingress Protection Rating	IP55
Maximum Sustained Wind	25 mph
Maximum Wind Gust	40 mph
Communication & Control (Hylío GroundLink)	
Standard Control Device	Hylío GroundLink Controller
Ground Station Control Software	Hylío AgroSol GCS; GroundLink Operating System: Windows 11
Available Flight Modes	Swarm up to 3 units, fully autonomous, position hold manual, fully manual
Operating Frequencies	2400 to 2480 MHz
Wireless Transmission Range	Max Unobstructed: 18.5 mi. Typical Rural Operation Setting: 3 mi. With 4G SIM: Unlimited (wherever cellular coverage is available)
Display	13.3" Sunlit Readable 1000 nits, 10-Point Touch Display
Environment	IP67
Battery	6-8 hours, Rechargeable Li-ion Battery <i>Battery life dependent on factors such as screen brightness and level of activity</i>
Regulatory	
Regulatory Compliance	FY2019 NDAA Sec. 889 Compliant; FY2020 NDAA Section 848 Compliant; FCC Part 15 Compliant

