



Hylío AG-230 Spec Sheet - Metric

Aircraft	
Total Weight (without batteries)	27.5 kg
Maximum Recommended Takeoff Weight	75 kg
Maximum Thrust	122.5 kg
Maximum Operating Speed	48 kph
Flight Time	Full Payload: approx. 8 min Mixed: approx. 12-15 min @ 11 kg/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	4500 m MSL Reduce payload by 12% for each increase of 1,000 m in density altitude
Wheelbase	212 cm
Material	Carbon Fiber, Aluminum, Plastic
Dimensions	206 x 206 x 64 cm (arms unfolded, no propellers)
	112 x 112 x 64 cm (arms folded, no propellers)
Spray System	
Maximum Payload (Weight)	38.5 kg (near sea level)
Maximum Payload (Volume)	30 L
Nozzle Compatibility	Compatible with any TeeJet or similar style nozzle tips. Optional rotary atomizer nozzles available.
Pump System	2 x Diaphragm Pump, 448 kPa
Flow Rate (no nozzle)	1.5 – 15 L/min
Effective Swath Width	11 L/min
Effective Swath Width	6 – 9 m
Productivity Rate	Up to 20 ha/hr at 9 L/ha
Spreader System	
Maximum Payload (Weight)	38.5 kg (near sea level)
Maximum Payload (Volume)	20 L
Weight of Device	1.6 kg
Optimal Particle Size	0.5 – 10 mm
RPM Range	Up to 1600 RPM.
Aperture Control	3 channels, allowing 0 – 174 deg total opening
Effective Swath	Up to 12 m
Maximum Flow Rate	Up to 36 kg/min (dependent on material type)
Device Dimensions	20 x 15 x 19 cm
Productivity Rate	Up to 49 ha/hr at 9 kg/ha
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	76 x 23 cm
Configuration	Octocopter
Operating Voltage	12S (44.4 V)
Battery	
Battery System	2 x 12S 16 Ah (44.4 V) Intelligent LiPo Batteries
Battery Weight	4 k. each; total = 8 kg
Charger	
Type	Dual Channel
Input Voltage	100 – 240V
Output Power	AC220V: 3000W AC110V: 1200W
Compatibility	LiPo: 12S/14S; LiHV: 12S
Dimensions	29 x 14 x 28 cm
Weight	5.5 kg
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 Protections Rating	IP55
Maximum Sustained Wind	40 kph
Max Wind Gust	64 kph
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: 30 km Typical Rural Operation Setting: 5 km 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