



Hylio AG-210 UAS Spec Sheet – Metric

Aircraft	
Total Weight (without batteries)	11 kg.
Maximum recommended takeoff weight	24.9 kg.
Maximum Thrust	61 kg.
Maximum operating speed	48 kph
Flight Time	<p>Full Payload: approx. 8 min. Mixed: approx. 12-15 min. @ 11 kg./min. payload application rate No Payload: approx. 20 min.</p> <p>Flight times are affected by numerous conditions such as weather conditions, altitude relative to MSL, temperature, battery age/health, and other factors.</p>
Spray System	
Maximum Payload (Weight)	9.5 kg.
Maximum Payload (Volume)	10 L.
Nozzle Compatibility	<p>Compatible with any TeeJet or similar style nozzle tips.</p> <p>Optional rotary atomizer nozzles available.</p>
Pump System	1 x Diaphragm Pump, 75 PSI
Flow Rate (no nozzle)	0.5 – 7.5 L./min.
Flow Rate (with TT11003 nozzle tip)	4 L./min.
Effective Swath Width	3 – 6 m.
Productivity Rate	Up to 6 ha./hr. at 9 L./ha.
Spreader System	
Maximum Payload (Weight)	9.5 kg.
Maximum Payload (Volume)	10 L.
Weight of Device	1.5 kg.
Optimal Particle Size	0.5 – 10 mm.
RPM Range	Up to 1621 RPM.
Aperture Control	3 channels, allowing 0 – 170 deg. total opening.
Effective Swath	Up to 14 m.
Maximum Flow Rate	Up to 7 kg./min.
Device Dimensions	23 x 15 x 7.5 cm.
Productivity Rate	Up to 10 ha./hr. at 22 kg./ha.



Propulsion	
Motor KV	100 rpm/V
Foldable Propeller	76 x 23 cm.
Configuration	Quadcopter
Operating Voltage	12S (44.4 V.)
Battery	
Battery System	1 x 12S 16 Ah (44.4 V) Intelligent LiPo Battery
Battery Weight	4 kg.
Charger	
Type	Dual Channel
Input Voltage	100 – 240V
Output Power	AC220V: 3000W AC110V: 1200W
Compatibility	LiPo: 12S/14S; LiHV: 12S
Dimensions	29 cm. x 14 cm. 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 Protection Rating	IP55
Max sustained wind	40 kph
Max wind gust	65 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	2470 to 2477 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 Compliance	FY2019 NDAA Sec. 889 Compliant; FY2020 NDAA Section 848 Compliant; FCC Part 15 Compliant