



Hylío AG-216 Spec Sheet – US Customary Units

| Aircraft | |
|-------------------------------------|---|
| Total Weight (without batteries) | 39 lb |
| Maximum Recommended Takeoff Weight | 105 lb |
| Maximum Thrust | 202 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 | 67 in. |
| Material | Carbon Fiber, Aluminum, Plastic |
| Dimensions | 67 x 59 x 24 in. (arms unfolded, no propellers) |
| | 35 x 42 x 24 in. (arms folded, no propellers) |
| Spray System | |
| Maximum Payload (Weight) | 52.5 lb (near sea level) |
| Maximum Payload (Volume) | 4.5 gal |
| Nozzle Compatibility | Compatible with any TeeJet or similar style nozzle tips. Optional rotary atomizer nozzles available. |
| Pump System | 1 x Diaphragm Pump, 75 PSI |
| Flow Rate (no nozzle) | 0.1 – 2 gal/min |
| Flow Rate (with TT11003 nozzle tip) | 1 gal/min |
| Effective Swath Width | 15 – 25 ft |
| Productivity Rate | Up to 27.5 ac/hr at 1 gal/ac |
| Spreader System | |
| Maximum Payload (Weight) | 52.5 lb (near sea level) |
| Maximum Payload (Volume) | 4.5 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 45 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 | Hexacopter |
| Operating Voltage | 12S (44.4 V) |
| Battery | |
| Battery System | 1 x 12S 22 Ah (44.4 V) Intelligent LiPo Battery |
| Battery Weight | 13.5 lb |
| Charger | |
| Type | Dual Channel |
| Input Voltage | 100 – 240V |
| Output Power | AC220V: 3000W AC110V: 1200W |
| Compatibility | LiPo: 12S/14S; LiHV: 12S |
| Dimensions | 13.4 x 7.7 x 5.7 in. |
| Weight | 12.1 lb |
| Charging Current | AC220V Fast Charge: 55A Single Channel Max Standard Charge: 20A Single Channel Max AC110V Fast Charge: 24A Single Channel Max Standard Charge: 20A Single Channel Max |
| Weather | |
| Ingress Protection Rating | IP55 |
| Max sustained wind | 25 mph |
| Max wind gust | 40 mph |
| Communication & Control (Hylio GroundLink) | |
| Standard Control Device | Hylio GroundLink Controller |
| Ground Station Control Software | Hylio 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 |