



Hylío AG-216 Spec Sheet - Metric

| Flight Parameters | |
|---|---|
| Total Weight (without batteries) | 17.7 kg |
| Max Recommended Takeoff Weight | 47.6 kg |
| Max Thrust | 91.7 kg |
| Max Operating Speed | 40 kph |
| Propulsion System | |
| Motor KV | 100 rpm/V |
| Foldable Propeller | 30x9.0 in |
| Configuration | Hexacopter - X |
| Operating Voltage | 12s |
| Battery | 1 x 22000 mAh 12S (44.4V) LiPo Battery |
| | 6.1 kg/battery |
| Aircraft Frame | |
| Wheelbase | 170 cm |
| Material | Carbon Fiber, Aluminum, Plastic |
| Dimensions | 170x150x61 cm (arms unfolded, no propellers) |
| | 89x107x61 cm (arms folded, no propellers) |
| Spray System | |
| Max Payload | 16 kg, 16 Liter |
| Configuration | 1 Pumps, 1 Tank, 1 Flowmeter, 4 dual nozzle forks (under-rotor) |
| Nozzle | Nozzle body compatible with any Teejet nozzle tip |
| Pump | Diaphragm Pump, 5 Bar+ |
| Flow Rate (no nozzle max) | 0.2 – 6.8 L/min |
| Flow Rate (with recommended nozzle TT11001) | 3.6 L/min |
| Spray Width | 4.6-7.6 m |
| Flight Control | |
| Flight Modes | Fully autonomous (no RC), position hold manual (with RC), Fully manual GPS denied (with RC) |
| Operating Frequencies | 902 – 928 MHz, 2.4 GHz |
| Ground Station Control Software | Hylío AgroSol GCS |
| Max Transmission Range | ~2 kilometers (10+ unobstructed) |