



Hylio AG-210 UAS Spec Sheet – Imperial

Flight Parameters	
Total Weight (without batteries)	24.5 lb
Max Recommended Takeoff Weight	54.9 lb
Max Thrust	134.8 lb
Max Operating Speed	25 mph
Propulsion System	
Motor KV	100 rpm/V
Foldable Propeller	30x9.0 in
Configuration	Quadcopter
Operating Voltage	12s
Battery	1 x 16000 mAh 12S (44.4V) LiPo Battery 9.3 lb/battery
Aircraft Frame	
Wheelbase	51 in
Material	Carbon Fiber, Aluminum, Plastic
Dimensions	46x46x24 in (arms unfolded) 23x23x20 in (arms folded)
Spray System	
Max Payload	21lb, 2.5 gallon
Configuration	1 Pump, 1 Tank, 1 Flowmeter, 6 nozzles on 6ft boom
Nozzle	Nozzle body compatible with any Teejet spray tip
Pump Pressure	Diaphragm Pump, 75 PSI
Flow Rate (no nozzle max)	0.1 – 1.8 Gal/min
Flow Rate (with recommended nozzle TT11001)	0.95 Gal/min
Spray Width	10-20 feet
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	Hylio AgroSol GCS
Max Transmission Range	~1 mile (5+ unobstructed)