



# Hylio AG-122 Spec Sheet - Metric

Flight Parameters	
Total Weight (without batteries)	27.8 kg
Max Recommended Takeoff Weight	79.5 kg
Max Thrust	122.3 kg
Max Operating Speed	35 kph
Max Flight Speed	65 kph
Hover Time	50 min (at 37.2 kg TO weight)
	14 min (at 55.0 kg TO weight)
Propulsion System	
Motor KV	100 rpm/V
Foldable Propeller	30x9.0 in
Configuration	Octocopter
Operating Voltage	12s
Battery	2 x 16000 mAh 12S (44.4V) LiPo Batteries
	4.7 kg/battery
Aircraft Frame	
Wheelbase	212 cm
Material	Carbon Fiber, Aluminum, Plastic
Dimensions	206x206x64 cm (arms unfolded, no propellers)
	112x112x64 cm (arms folded, no propellers)
Spray System	
Standard Payload	22 kg, 22 L
Configuration	2 Pumps, 2 Tanks, 2 Flowmeters, 8 nozzles underneath rotors
Nozzle	Nozzle body compatible with any Teejet spray tip
Pump	Diaphragm Pump, 4.5 Bar per pump
Flow Rate (no nozzle max)	0.4 – 8.4 L/min
Flow Rate (with recommended nozzle TT11001)	4.3 L/min
Spray Width	7.6 – 9.1 meters
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
Max Transmission Range	~2 kilometers (10+ unobstructed)