



Hylío AG-272 Spec Sheet - Metric

Flight Parameters	
Total Weight (without batteries)	53 kg
Max Recommended Takeoff Weight	181 kg
Max Thrust	272 kg
Max Operating Speed	40 kph
Propulsion System	
Motor KV	95 rpm/V
Foldable Propeller	105.4 cm
Configuration	Octocopter
Operating Voltage	14s
Battery	2 x 14S, 42A (51.8V) LiPo Batteries
	13.6 kg/battery
Aircraft Frame	
Material	Carbon Fiber, Aluminum, Plastic
Dimensions	305x305x91 cm (arms unfolded, no propellers)
	99x86x208 cm (arms folded, no propellers)
Spray System	
Max Payload	68 kg, 68 L
Nozzle	Nozzle body compatible with any Teejet spray tip
Pump	2 x Diaphragm Pump, 4.5 Bar
Flow Rate (no nozzle max)	2.3 – 18.9 L/min
Flow Rate (with recommended nozzle TT11003)	15 L/min
Spray Width	9-12 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
Max Transmission Range	~2 km (10+ unobstructed)