

## Hylio AG-272 Spec Sheet - Metric

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	El' Li B	
Max Recommended Takeoff Weight  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	Flight Parameters	
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	,	53 kg
Max Operating Speed 40 kph  Propulsion System  Motor KV 95 rpm/V  Foldable Propeller 105.4 cm  Configuration Octocopter  Operating Voltage 14s		181 kg
Propulsion System  Motor KV 95 rpm/V  Foldable Propeller 105.4 cm  Configuration Octocopter  Operating Voltage 14s	Max Thrust	272 kg
Motor KV 95 rpm/V Foldable Propeller 105.4 cm Configuration Octocopter Operating Voltage 14s	Max Operating Speed	40 kph
Foldable Propeller 105.4 cm  Configuration Octocopter  Operating Voltage 14s	Propulsion System	
Configuration Octocopter Operating Voltage 14s	Motor KV	95 rpm/V
Operating Voltage 14s	Foldable Propeller	105.4 cm
	Configuration	Octocopter
Battery 2 x 14S, 42A (51,8V) LiPo Batteries	Operating Voltage	14s
	Battery	2 x 14S, 42A (51.8V) LiPo Batteries
13.6 kg/battery		13.6 kg/battery
Aircraft Frame	Aircraft Frame	
Material Carbon Fiber, Aluminum, Plastic	Material	Carbon Fiber, Aluminum, Plastic
Dimensions 305x305x91 cm (arms unfolded, no propellers)	Dimensions	305x305x91 cm (arms unfolded, no propellers)
99x86x208 cm (arms folded, no propellers)		99x86x208 cm (arms folded, no propellers)
Spray System	Spray System	
Max Payload 68 kg, 68 L	Max Payload	68 kg, 68 L
Nozzle body compatible with any Teejet spray tip	Nozzle	Nozzle body compatible with any Teejet spray tip
Pump 2 x Diaphragm Pump, 4.5 Bar	Pump	2 x Diaphragm Pump, 4.5 Bar
Flow Rate (no nozzle max) 2.3 – 18.9 L/min	`	2.3 – 18.9 L/min
Flow Rate (with recommended nozzle TT11003)  15 L/min	`	15 L/min
Spray Width 9-12 m	Spray Width	9-12 m
Flight Control	Flight Control	
Flight Modes Fully autonomous (no RC), position hold manual (with RC), Fully manual GPS denied (with RC)	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		902 – 928 MHz, 2.4 GHz
Ground Station Control Software Hylio Agrosol		Hylio Agrosol
Max Transmission Range ~2 km (10+ unobstructed)	Max Transmission Range	~2 km (10+ unobstructed)