



# Hylio AG-116 Spec Sheet - Metric

<b>Flight Parameters</b>	
Total Weight (without batteries)	15.9 kg
Max Recommended Takeoff Weight	59.6 kg
Max Thrust	91.7 kg
Max Operating Speed	35 kph
Max Flight Speed	65 kph
Hover Time	65 min (at 22.4 kg TO weight)
	14 min (at 39.4 kg TO weight)
<b>Propulsion System</b>	
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
<b>Aircraft Frame</b>	
Wheelbase	170 cm
Material	Carbon Fiber, Aluminum, Plastic
Dimensions	170x150x61 cm (arms unfolded, no propellers)
	89x107x61 cm (arms folded, no propellers)
<b>Spray System</b>	
Standard Payload	16 kg, 16 Liter
Configuration	2 Pumps, 1 Tank, 1 Flowmeter, 4 nozzles on 2 m boom
Nozzle	Nozzle body compatible with any Teejet nozzle tip
Pump	Diaphragm Pump, 4.5 Bar
Flow Rate (no nozzle max)	0.2 – 6.8 L/min
Flow Rate (with recommended nozzle TT11001)	3 L/min
Spray Width	4.6-7.6 m
<b>Flight Control</b>	
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)