



Multi-role Industrial Workhorse

X55

The multi-role utility drone with up to 3-hour flight times and interchangeable power modules. With the X55, you get the best of both worlds - heavy payloads with the Battery Module and extraordinary flight times with the Hybrid Module.

Key Features:

- Modular power sources
- 55 lbs Maximum take-off weight (MTOW)
- Long-range transmission system up to 20km (12 miles)
- Weatherproof design
- Communication bay for ease of integrating communication electronics
- Accessory Power - allows you to power your payload directly from the aircraft
- Auxiliary Communication Port- integrate directly with gimbals and other accessories
- Top-Bottom payload mounting
- Integrated live video feed (optional accessories)
- Real Time Kinematic capable (optional accessories)
- Rangefinder for altitude tracking (optional accessories)



Specifications

General			
Maximum Takeoff Weight (MTOW)	55lbs	Max Speed	40mph
Empty Weight	18.2lbs	Operating Voltage	12S (44.4V)
Operating Temperature	-20C to 45C*	Ingress Protection	X3
Dimensions			
Unfolded Diameter	2000mm	Folded Diameter	670mm
Unfolded Height	625mm	Folded Height	625mm
Propulsion			
Equivalent KV	100	Maximum Thrust	123 lbs
Propeller	30x10	Maximum RPM	3600
Flight Controller			
Autopilot	Cube Orange	Supported Radio	Herelink, Futaba, Frsky and more
Flight Modes	Manual, Altitude, Loiter, Mission, Return To Launch (RTL)	Supported GNSS	Dual Here 3 GPS (RTK if requested)
Misc			
Payload Rail	12mm Outer Diameter 149 mm Center to Center	External Video	HDMI (If requested)
External Power	5v, 12v & 44.4v	FPV Video Feed	High Definition FPV (1080P)
External COM	SBus, Serial, CAN, PWM, I2C	NDA Compliance	NDA compliant version available

All features and specifications are subject to change without notice

*Temperature rating of -30C can be accommodated if necessary

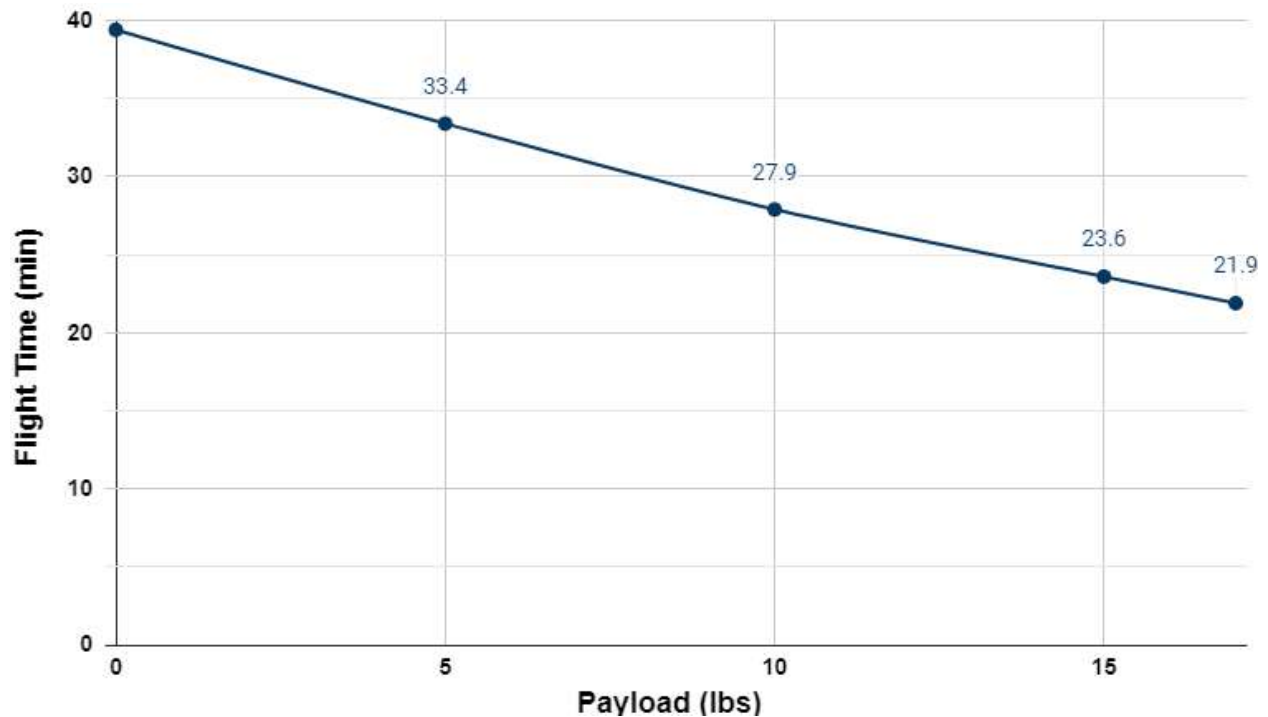


Find out more at: www.arcskytch.com
Contact us at: info@arcskytch.com



Battery Module Flight Time Chart

This data is based on using our standard 16Ah 12S Flight Battery set. We do have additional battery options available that can significantly improve this flight time. Contact us for more details if you are interested.



**The estimated flight time above is tested with 20% battery left after the X55 has landed.*

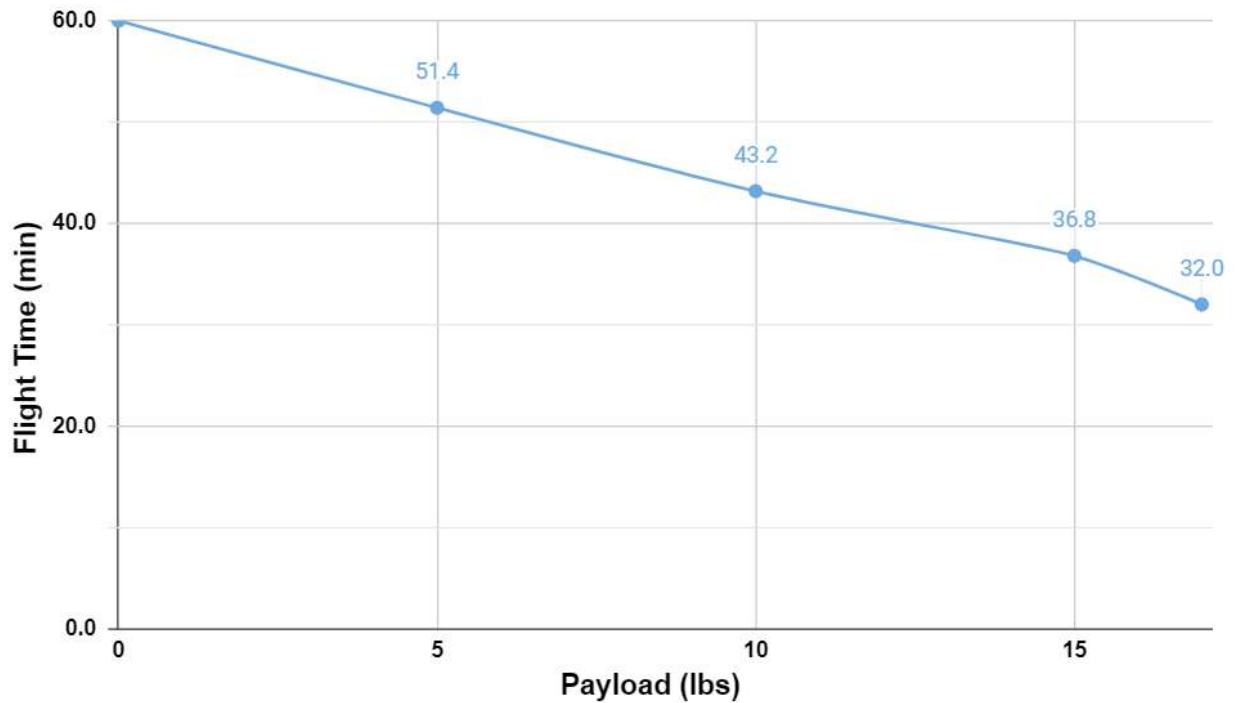
**Tests were conducted <800ft above sea level at 16C (72F). Results may vary depending on altitude, air density, or additional accessories powered by the batteries.*



Find out more at: www.arcskytech.com
Contact us at: info@arcskytech.com



Battery Module (Semi Solid State Li-ion 27 Ah Battery set) Flight Time Chart



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