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Heavy Lift Industrial Drone System

X55

The industrial heavy lift 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
- Weatherproof design
- 55 lbs Maximum take-off weight (MTOW)
- Long-range transmission system up to 20km (12 miles)
- Industry-standard 12mm rail system easily mounts most payloads
- Master payload connector with 5V, 12V, 48V power, and Serial, CAN, PWM interfaces
- Auxiliary Communication Port- integrate directly with gimbals and other accessories
- Accessory Power - allows you to power your payload directly from the aircraft
- Integrated live video feed (optional accessory)
- Real Time Kinematic capable (optional accessory)
- Rangefinder for altitude tracking (optional accessory)

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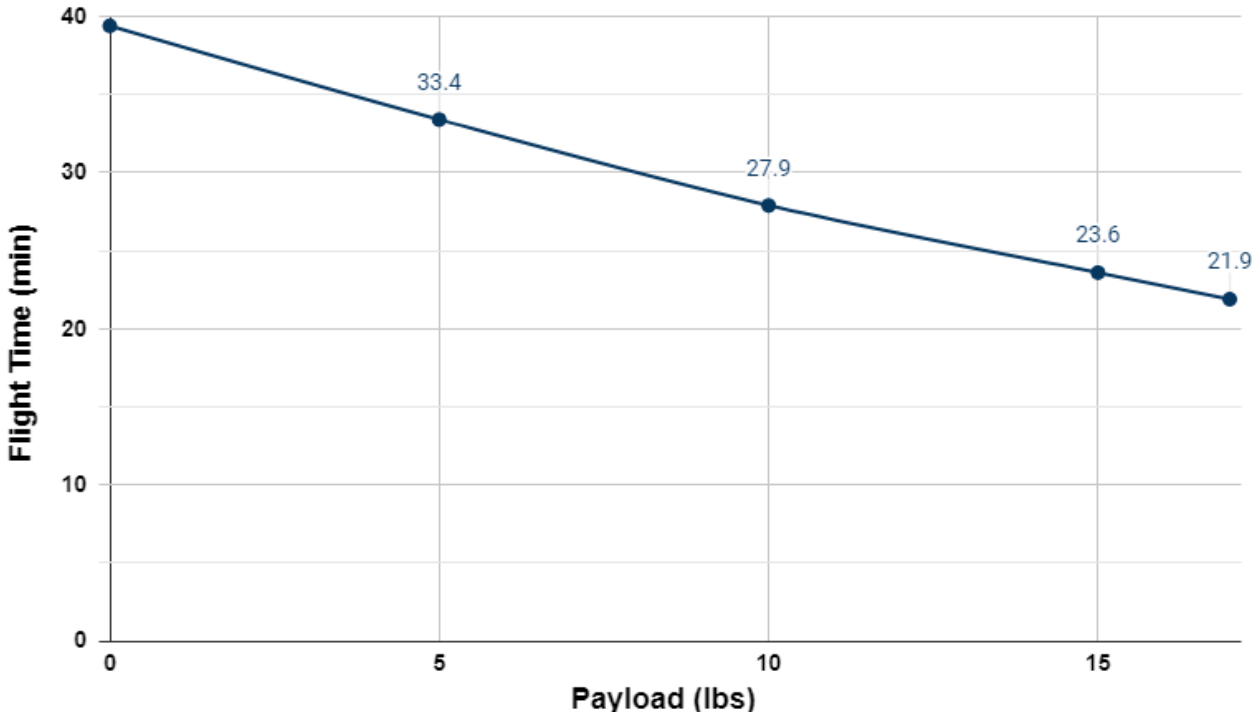
Specifications

General			
Maximum Takeoff Weight (MTOW)	55lbs	**Max Speed**	40mph
Empty Weight	18.5lbs	**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 Plus	**Supported Radios**	Herelink, Futaba, Frsky and more
Default Flight Modes	Altitude Hold, Loiter, Auto, Return To Launch	**Supported GNSS**	Dual Here 4 RTK-Capable GPS
Misc			
Payload Rail	12mm Outer Diameter 149 mm Center to Center	**External Video**	HDMI, Ethernet
External Power	5V, 12V & 48V	**FPV Video Feed**	High Definition FPV (1080P)
External COM	SBus, Serial, CAN, PWM	**NDAA Compliance**	NDAA compliant version available

All features and specifications are subject to change without notice
**Temperature rating of -30C can be accommodated if necessary*

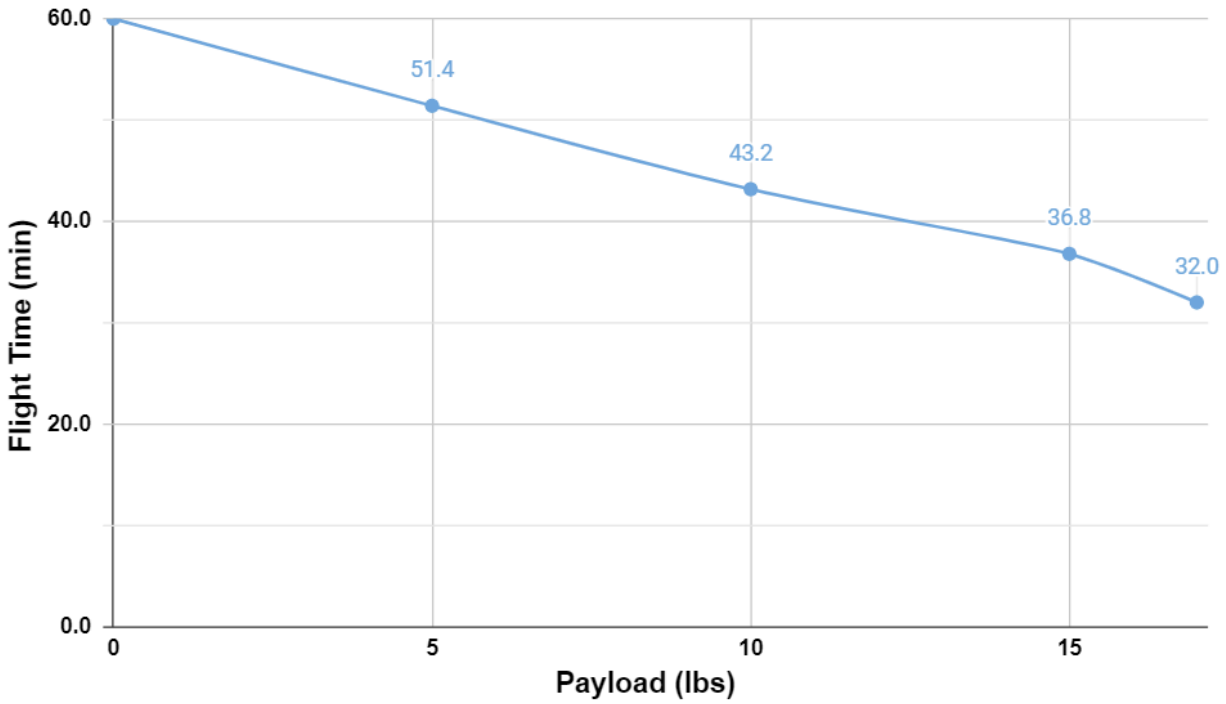
Battery Module Flight Time Chart

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.*

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



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