



 **PLYMOUTH ROCK**
TECHNOLOGIES

X-LITE

X-LITE - SPECIFICATIONS

	X-Lite
Size / Diagonal Wheelbase	690mm
MTOW (Maximum Take-Off Weight)	17.6lbs (8kg)
Payload Capacity	4lbs (2kg)
Cruise Speed	12 mph (19 kph)
Maximum Speed	30 mph (48 kph)
Maximum Flight Time	Up to 35 minutes
Endurance*	Up to 7 miles (11km)
Maximum Operational Altitude - <i>Height Above Mean Sea Level (AMSL)</i>	15,000 ft
Operational Range**	Up to 12 miles (20km)
Propulsion System	LiPo Battery
Temperature Range	14°F to 113°F (-10°C to 45°C)
IP Rating	IP54
Wind Resistance	Up to 25mph (40kph)
Avionics	Triple Redundant IMUs (Dual Heated)
GPS	NMEA TSO Certified
Aircraft Avoidance	ADS-B Rx
Collision Avoidance	Forward & Downward-facing LiDAR, 100m range Full 360 Collision / Obstacle Avoidance Optional
Rear Propeller Size	15"
Tether Capability	Yes

Various sensor and controller options available - please enquire for more information

*Endurance is dependent on speed, payload and environmental factors / conditions

**Extended Operational Range available with Satcom / Cellular Communication modules

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