



## MA THOR SolarLight SL-1 UAS

### MULTI-MISSION DIVERSE-PAYLOAD VEHICLE

The MA THOR SolarLight SL-1 uses a hybrid solar, fuel cells, and battery energy system. The aircraft is equipped with smart AI surveillance payload and sensors fusion. The air platform is larger than other solar UAVs in its class providing greater endurance and range, SATCOM communications, and payload capacity of 7.5 kg. Enhanced surveillance by the use of primary and secondary payload bays. Retractable landing gear and propellers for reduced drag, silent mode operation, and extreme endurance.

The aircraft supports diverse missions including remote sensing and mapping, land and maritime border patrol, maritime and land search and rescue, long endurance intelligence and reconnaissance, surveillance of oil and gas installations, inspection of natural disasters, ecological work, environmental monitoring, wildlife surveys, precision agriculture aerial mapping, weather monitoring, communications relay, law enforcement, fire fighting, and many other.

### SPECIFICATIONS

**Wing span:** 10 m

**Aircraft length:** 4.1 m

**MTOW:** 35 kg

**Payload weight:** 7.5 kg

**Operational altitude:** 5,000 m amsl

**Endurance:** 9 hrs+

Ultra-lightweight carbon-fibre aircraft

