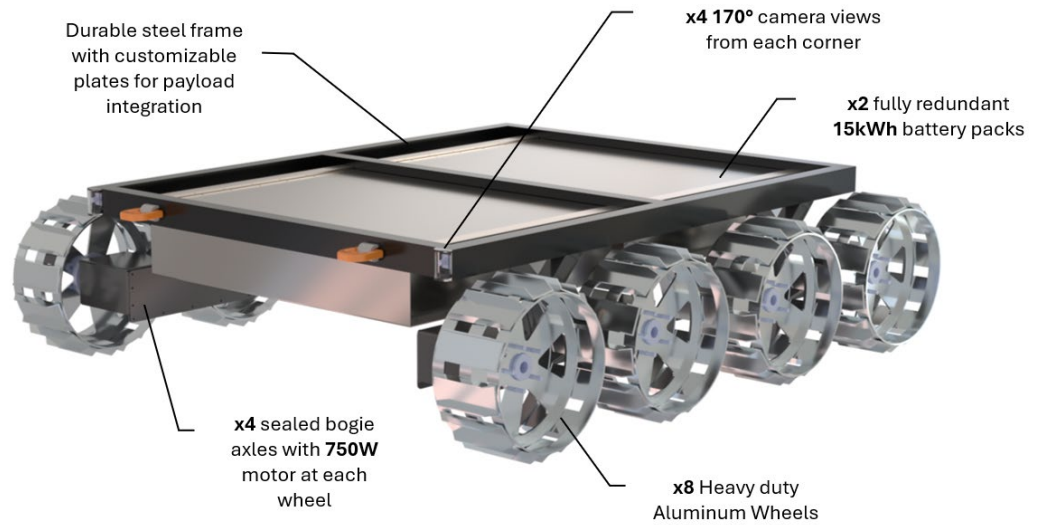


# SLED-308



## RESOURCE DEVELOPMENT

Designed to operate in the toughest environments, our platform is well suited to small and medium resource development and prospecting operations.

## SECURITY

With 30 kWh of power, our system can monitor and patrol a large area with remote connectivity and operation, your assets can be monitored and protected.

## SEVERE ENVIRONMENTS

Would you rather not go? Send the SLED, with a targeted operating temperature down to negative 100 degrees Celsius, this unit can go where others can't.

Dimensions (LWH)	2.0 x 1.9 x 0.5m	Ground Clearance	0.30 m
Weight	600 kg	Battery	30 kWh
Payload	400 kg	Operating Time	8 – 18 Hours*
Temperature Rating	-100°C to +50°C	Power	6 kW @ 48V
Wheels	Aluminum or Rubber	Charge Time	4 – 6 Hours

\*On level ground at full speed, the prototype unit uses less than 1500W

Introducing the foundation of our SLED product line. The SLED-308 will take your operations to new places. We have designed this unit to be simple, modular and heavy duty. The design features four identical axles each mounted in a bogie configuration to maximize traction and weight distribution over varied terrain. Eight high efficiency BLDC motors power this unit at a maximum speed of 8 km/h. Designed for Mars and tested on Earth, our unit features components that can be qualified for space so that we can offer attractive pricing for both terrestrial and space-based variants.

Onboard vision system powered by NVIDIA Jetson for autonomous navigation, obstacle detection, and real-time remote video comes standard. Designed with modularity in mind, the SLED-308 supports integration with ROS 2, enabling custom payload control systems and future autonomous operations.

Optional features include on-board solar charging, semi-autonomous operation including remote teleoperation via Starlink, and deployable payload mounting structures.

If you are designing a mission to Mars or the toughest places on Earth, we want to talk to you! Our design is completely customizable and can be tailored to suit your specifications!

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