

TGARS Titan

The TGARS Titan is an electric, eight-wheeled, in-hub motor, all-terrain UGV. It is designed to operate in harsh environments, allowing heavy payloads and move with high maneuverability.

An electrically driven 8WD robotic platform, weighing 1.5 tons gross, X8 can transport payloads and cargo over 3.5 tons at 50 km/h on and off-road.

The TGARS Titan modular design allows for the integration of various mission-specific payloads. The large decks can be installed with high-definition optics, airborne particulate sensors, and forward-looking infrared (FLIR) heat-detection and night vision cameras to conduct surveillance and reconnaissance missions.

The modular platform can also accommodate detachable rescue baskets or stretchers, defibrillators, bandages, and other first aid supplies in support of first responder operations.

8X PLATFORM CHARGING OPTIONS

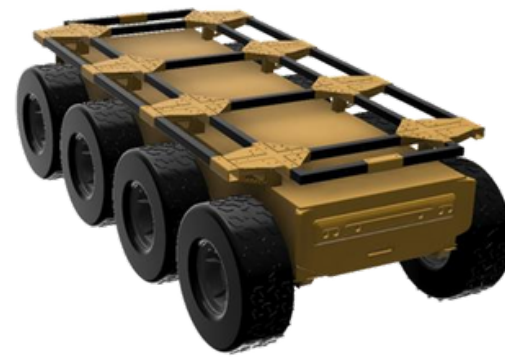
X8-G On board Generator / External Charger

X8-A MUCS Autonomous UGV Charging Station



key features

MOTORS & CONTROLLERS 8WD 8000W, 350NM HUB Motors 48VDC 550A PEAK EMBEDDED MOTOR CONTROLLERS AND SAFETY CONTACTORS 31R14 OFF ROAD TIRES WITH LIGHT WEIGHT ALUMINUM 14" RIMS **BATTERIES** 4 to 8 x 3100W RECHARGEABLE 48VDC LI-ION BATTERIES WITH TELEMETRY CANBUS WITH OPTIONAL 4 MORE BATTERIES **BRAKES** 8 x CALIPER ELECTRIC HYDRAULIC DISK 1600PSI BRAKING SYSTEM **PARKING BRAKE** REAR WHEELS PARKING BRAKE **ESTOP** MUSHROOM & MAIN KEY SWITCH **RC** MANUAL REMOTE CONTROL DIGITAL CONTROL INTERFACE (ETHERNET) WITH MANUAL REMOTE CONTROL SHORT RANGE MAINTENANCE REMOTE CONTROL (RC) **MIL.STD 100A** CHARGING PORT DIGITAL ETHERNET CONTROL SYSTEM, INCLUDING EMBEDDED MISSION COMPUTER **PAYLOAD MAX. 3.5 TONS** **SPEED** UP TO 50 KPH **SELF WEIGHT** 1,5 TON 4 ROUND EYE NUTS



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DIMENSIONS:

