



# MOVEVER TECHNOLOGIES

## DODS

### SPECIFICATION SHEET

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# Description

## UGV DODS

The DODS is a multipurpose UGV designed as a truly multirole platform, built to overcome the majority of challenges faced in both battlefield scenarios and civilian operations. Equipped with a robust rubber track system, it delivers exceptional mobility and traction across the most demanding terrains, including mud, sand, grass, and even no-man's land. This ensures effectiveness in reconnaissance missions, perimeter patrols, and tactical maneuvers. With its modular and adaptable design, the platform supports a wide range of implements, enabling seamless configuration for both military and civilian applications—from tactical operations and surveillance to logistics and support roles in critical missions. Engineered to meet the evolving demands of modern battlefields and complex environments, the DODS stands out as a reliable, versatile, and expendable solution, providing the adaptability and resilience required for today's most challenging operations.



## GENERAL FEATURES

- Payloads up to 500kg
- 100% Electrical Vehicle
- Remote or Autonomous Operation
- Up to 18km/h
- Internet Telemetry and Operation
- AI Vision and Assist Control System
- Slops up to 60% (30 Degrees)



# SPECIFICATIONS

## WEIGHTS

Standard Vehicle Weight	600 kg
Maximum Recommended Payload*	600 kg
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## MOTOR

Energy Type	Electrical
Number of Motors	2
Motor Type	BLDC
Operating Voltage	Up to 120V
Total Max Power	25Kw

## PAYLOAD

Mounting System	Plug and Play
Mounting Options	on Top
Electrical Integration	Network or IOs

## CONTROL

Controller Type	Industrial Degree
Control Type	Over Internet / Local Network
Standard Mode	Remote Operate
Autonomous Routines	High Level of Customization
Human Machine Interface	Standard / Customizable
Range of Control	Up to 200m (Local)
Remote Controller	Industrial Tablet / PC / Smartphone
Telemetry	Over Network in Real Time
AI Assistant	Embedded

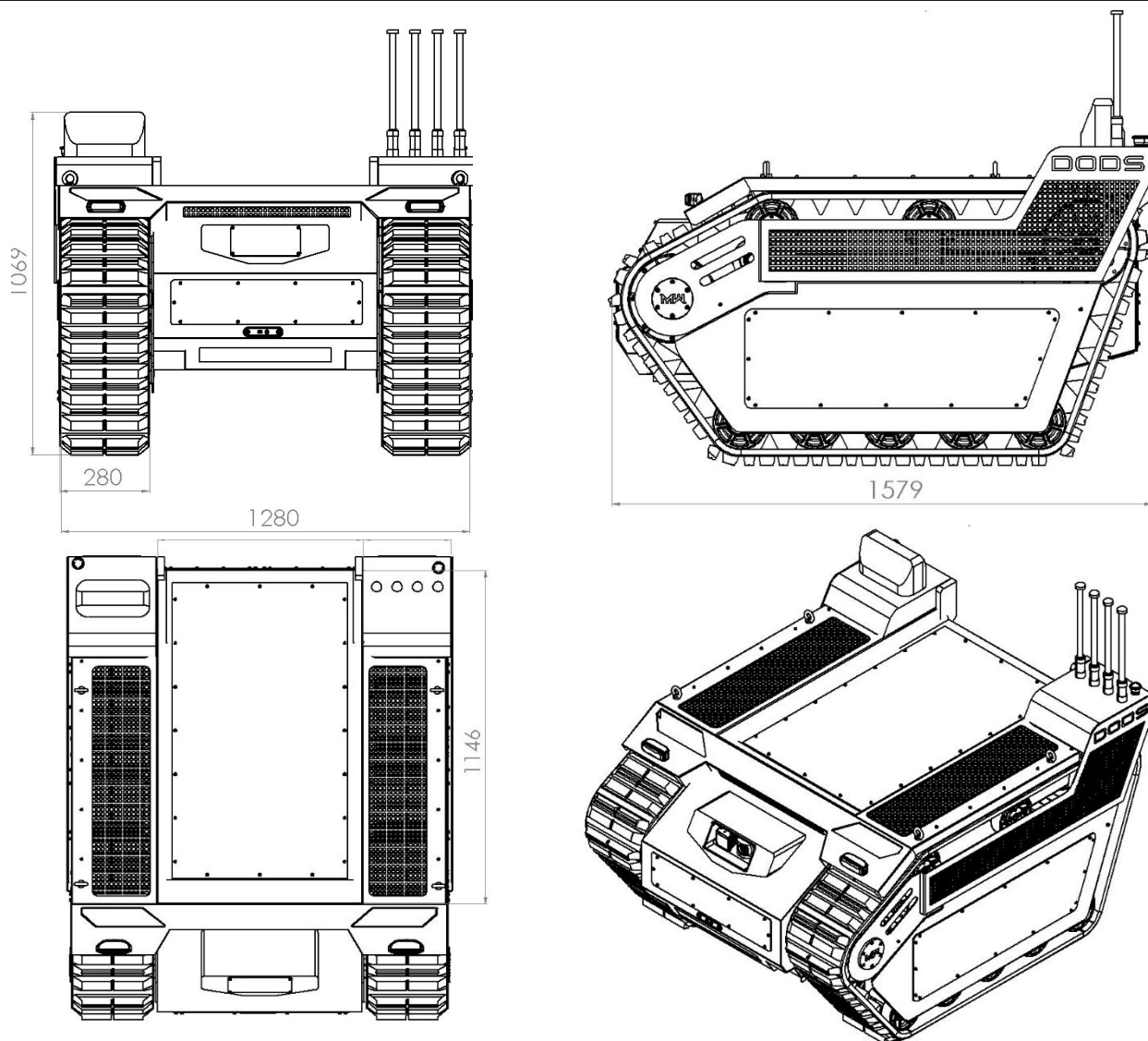
\*Consult the respective Weight for each slop

# SPECIFICATIONS

## ENERGY

Number of Battery Packs	1
Battery Type	LiFePo4
Maximum System Current	180A
Number of Battery Cycles	10000
Power Available	30Kwh
Type of Cooling	Fan
Maximum Endurance	3 hours

# PHYSICAL



## DIMENSIONS

Standard Frame

(LxWxH) 1579 X 1280 X 1000 mm

Track Length

280 mm

Implement Dimensions

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## WEATHER LIMITATIONS

Maximum Operating Temperature

+45°C

Minimum Operating Temperature

-10°C

Maximum Front Slop angle

35°

Maximum Side Slop angle

25°

Restricted Terrains

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# PHYSICAL

## PERFORMANCE LIMITATIONS

Maximum Velocity	19km/h
GNSS Precision	< 1m
INS System	Yes
Standard Number of Cameras	1

