

# RH1NO



**UPTO 5HRS  
RUNTIME** For LONG ENDURANCE  
Operations

For Logistics and Support **UPTO 50KG  
PAYLOAD**

**INDEPENDENT  
MOTORS** For complete OFF-ROAD  
Capabilities



**4X4**  
For EXTREME Conditions

# RHINO DIGITAL TROOP



## TECHNICAL SPECIFICATIONS

### SIZE AND WEIGHT

<b>EXTERNAL DIMENSION (L x W x H)</b>	Less than 1.5 x 0.85 x 0.6 m
<b>BASE WEIGHT (Include base battery pack)</b>	< 150 kg
<b>GROSS VEHICLE WEIGHT</b>	< 300 kg
<b>GROUND CLEARANCE</b>	200 mm (Loaded)

### SPEED AND PERFORMANCE

<b>MAX. PAYLOAD</b>	< 100 kg
<b>MAX. INCLINE</b>	35-40°
<b>MAX. SPEED</b>	18 km/h
<b>SUSPENSION</b>	4 W Independent Suspension
<b>TRACTION</b>	22" Tires

### BATTERY AND POWER SYSTEM

<b>BATTERY CHEMISTRY</b>	Li-ion (Li-ion Solid State optional), Sealed Lead Acid Battery
<b>CAPACITY</b>	180 Ah at 19 V
<b>CHARGE TIME</b>	4 hrs
<b>NOMINAL RUN TIME</b>	Li-ion NMC Battery: 5 hrs
<b>USER POWER</b>	5V, 12V Fused [24V optional]

### INTRFACING AND COMMUNICATION

<b>CONTROL MODES</b>	Manual Remote Controlled , Waypoint Navigation on Non obstructed fields.
<b>FEEDBACK</b>	Mission Status, Route Map, Route Planning, Battery Voltage , Distance to Home, Total Distance Travelled, No of Satellites,
<b>COMMUNICATION</b>	Terrain Map, Compass Orientations
<b>DRIVERS AND APIS</b>	Remote Control , Radio Frequency based Image and Video Transmission
<b>INCLUDED HARDWARE</b>	DTR MAP Platform for Ground Control Station

### ENVIRONMENTAL

<b>OPERATING AMBIENT TEMPERATURE</b>	- 10 to 50 °C
<b>STORAGE TEMPERATURE</b>	- 20 to 50 °C
<b>IP RATING</b>	-(Upgrade to IP 65 Available), MIL STD certification

Product Photos are for representation only, actual product may defer. Size, Name, and Specification can be changed without prior notice. \* Real Values will be updated after Proper Validation.