

MOGO for Powersports

Specification Sheet

Whether your powersports vehicles are made to ride on pavement, dirt, or water, protecting your inventory is easy with our global theft recovery system. This solution is built tough to prevent larceny and recover lost assets through real-time GPS tracking.

Designed for outdoor conditions, this MOGO model is an easily concealed, waterproof unit that provides 4G LTE Cat-1 network connectivity. The device comes with a 400 mAh battery backup that limits workloads on small vehicle batteries and enables operation when power is disconnected.

Thanks to our MOGO app, you can track vehicles on the go on and off the lot. Always have a map of your lot at your fingertips and find vehicles quickly using a handy pin drop. Protect your assets easier with geofence boundaries around your dealership that send automatic alerts when a vehicle leaves the area.



Market Applications

- Motorcycle tracking
- ATV tracking
- Personal watercraft tracking



Specifications

Cellular Technology

LTE Cat I	Bands 2, 4, 12, 13, 25, 26
LTE Cat MI	In development

Throughput: Up to 10 Mbps Downlink/5 Mbps Uplink

Protocol: FTP/HTTP/HTTPS/SMTP/POP3/TCP/UDP/SMS

Case

Dimensions	4.4 in x 2.12 in x .66 in
Weight	3.5 oz

Environment

Storage Temp	-40°F to 185°F
Operating Temp	-22°F to 176°F while connected to main power -4°F to 140°F on backup battery
Relative Humidity	Up to 95% non-condensing
IP Rating	IP67
Drop Test	3 ft, 6 sides

Power

Built-in Battery	400 mAh rechargeable Li-Ion
Input Power Range	6-36 VDC (12/24V vehicles)
Tracking Mode	<65mA average at 12V
Normal Sleep Mode	<6mA average at 12V
Low Power Sleep Mode	<2mA average at 12V

REGULATORY APPROVALS/ CERTIFICATION

FCC, IC, PTCRB, CE, GCF, e-Mark, RoHS2 Compliance
Applicable Carriers



Location Technology	56 channel GPS (with SBAS)
Tracking Sensitivity	-162 dBm
Location Accuracy (Open Sky)	+/- 2.5m (CEP)
Cold Start Acquisition	29 seconds
Hot Start Acquisition	1 second

Status LEDs	2 – Cellular (amber), GPS (green)
Audible	Piezo buzzer (optional)

Digital Inputs	1 fixed bias low
Digital Outputs	1 general purpose open collector (200mA)
Harness Options	4-wire molded sealed