

MTL-1620 TRAILER TRACKER

MTL-1620 R 1.0
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Key Features

Enclosure Rating	IP67 Waterproof
Interface	LTE Cat M1/NB2/NB2/EGPRS
Battery	Lithium 5800mAh
Type	Rechargeable
Uptime	Up to 120 days
Sensors	Optional
Antennas	Internal
Dimension	138 x 66 x 38 mm



1 DESCRIPTION

The MTL-1620 is an LTE product specifically designed for heavy duty vehicles including trailers, tanks, refrigerated and flatbed trucks. Its ruggedized waterproof design ensures the product remains reliable when installed in the harsh environments commonly found in heavy transportation such as fuel and chemical transportation. The MTL-1620 can operate for up to 4 months without external power, making it ideal for tracking trailers even when disconnected.

2 SPECIFICATIONS

SYMBOL	PARAMETER	MIN	TYP	MAX	UNIT
VIN	Operating voltage	+8	+24	+32	V
TA	Ambient temperature range	-30	-	+80	°C
T-Charge	Charging temperature range	+10	-	+45	°C
GPS/GNSS	Receiver sensitivity	-	-147	-	dBm
ALTITUDE	Maximum altitude	-	18000	-	m
VELOCITY	Maximum velocity	-	515	-	m/s
CONNECTIVITY					
Cat M1/Cat NB1	LTE FDD / LTE TDD				
EGPRS	850/900/1800/1900MHz				
TX-POWER	Max. 23dBm				
GPS Accuracy	<2.5m				
Certificates	CE, FCC, Verizon, PTCRB, AT&T,T-mobile, Anatel, E-Mark,RCM,NRCS,SUBTEL,ICASA,ROHS,Nom,iftel				
Weight	320g				
MTBF	500.000h				

3 KEY BENEFITS

- Waterproof
- Multi navigation GPS/GLONASS/Galileo/BD/QZSS
- Cold start <27s
- Powerful AGPS functions
- LTE Cat M1 & Cat NB2 & EGPRS
- Multiple I/O interfaces

4 INTERFACES

- 1x digital input
- 1x analog input
- 1-wire sensor port
- 4x open drain outputs
- 4x inputs with trigger option
- RS232 port

