



GPS Tracker for Electrical Vehicle with CAN
Model No - GB429E
Device Datasheet

Technical Specifications

S No.	FEATURE	SPECIFICATIONS
1	POWER SUPPLY	9-100V DC
2	NETWORK	4G Fallback 2G LTE Cat1 LTE-FDD - B1/B3/B5/B7/B8/B20/B28 LTE-TDD - B38/B40/B41 GSM - 850/900/1800/1900 MHz
3	DATA RATE	LTE-FDD: 10 Mbps (DL) /5 Mbps (UL) LTE-TDD: 8.96 Mbps (DL) /3.1 Mbps (UL) GPRS: max. 85.6 kbps (downlink/uplink)
4	GNSS SENSITIVITY	Acquisition: -147 dBm Tracking: -166 dBm Reacquisition: -160 dBm
5	GNSS ACQUISITION	TTFF @ -130dBm Cold Start: 30 s Warm Start: 28 s Hot Start: 1s
6	GNSS RECEIVING BANDS	GPS L1 C/A GLONASS L1 Galileo E1 BDS B1I & B1C QZSS L1 C/A
7	HORIZONTAL POSITION ACCURACY	Autonomous: 1.5 m
8	COMMUNICATION	TCP/IP, HTTP, SMS
9	ACCELEROMETER	3 Axis Motion Sensing
10	INTERNAL BATTERY	3.7 V Li-Poly, 50mAh
11	ANTENNA	High Gain Inbuilt Antennas for GSM & GNSS
12	LEDs	3 x LED's (Power, GPS, Network)
13	DEVICE WORKING MODES	Active mode & Sleep mode
14	MEMORY	64Mb
15	HOUSING	IP67
16	SIM TYPE	Nano SIM
17	OPERATING TEMPERATURE	-20°C to 85°C

18	STORAGE TEMPERATURE	-40°C to 85°C
19	PROTECTIONS	Reverse Polarity, Overvoltage Surge, Short Circuit, Surge Current, Load Dump protection
20	CONFIGURATION	Web Based Configurator, SMS
21	CURRENT CONSUMPTION	ACTIVE MODE : < 50 mA SLEEP MODE : <10 mA
22	SOFTWARE FEATURES	FOTA, Odometer, Turn Detection, GPS Drift Control, Driving Behavior
23	CONNECTOR	10 Wire
24	INTERFACE	1 x Ignition 2 x Digital/Analog Input 1 x Digital Out 1 x RS232 1 x CAN 2.0

Product Drawing

