

# EL-400



The EL-400 is a smart 4G vehicle tracker with 2G fallback and Bluetooth connectivity to monitor and enhance the performance and security of electric vehicles. With a dependable battery backup, it guarantees uninterrupted operations of EV fleet owners. This device is compatible with CAN communication and has the capability to log data even in the absence of network connectivity.

## FEATURES

### I/O

Digital Input-2, Digital Output-2, Analog Input-1, 1-RPM/1-Wire(Optional), CAN, K-line

### Voltage Range

9-90V DC

### GNSS & GPS Antenna

Internal High Gain Antenna

### Bluetooth

BLE 5.0

### Battery

120mAh Li-Po 3.7V

### BAND

4G: B1,3,5,8,34,38,39,40,41,  
2G: 900/ 1800MHz

## ATLANTA SYSTEMS PVT. LTD.

+91 9990333888 / +91-11-49039700(100 Lines) [enquiry@atlantasy.com](mailto:enquiry@atlantasy.com) [www.atlantasy.com](http://www.atlantasy.com)

M-135, 2nd Floor, Connaught Place, New Delhi - 110001

Telematics | IOT and Industrial IOT | Electric Vehicle Solutions | ADAS & DMS Solutions | Smart City Solutions



## KEY FEATURES

I/Os	Digital Input-2, Digital Output-2, Analog Input-1, 1-RPM/1-Wire(Optional), CAN, K-line
GNSS & GPS Antenna	Internal High Gain Antenna
Indicators	3 LED's (Power, GSM, GPS)
USB	2.0 Micro USB
SIM	Micro SIM
Memory	32Mb
Bluetooth	5.0
CAN Support	All legislated OBD-II Protocols, Non-Legislated OBD Protocols & Heavy-Duty

## POWER

Voltage Range	9-90V DC
Battery	120mAh Li-Po 3.7V

## NAVIGATION

GNSS	GPS, GLONASS, BeiDou
Channels	22 Tracking/ 66 Acquisition Channel
Horizontal Position Autonomous	<2.5m CEP
SBAS	Supported
2 DRMS, Vertical	± 5m
Tracking Sensitivity	-163dBm
Reacquisition Sensitivity	-148dBm
Velocity	<0.1m/s
Hot Start	< 1sec
Warm Start	< 30sec
Cold Start	< 35sec

## CELLULAR NETWORK

Band	4G: B1,3,5,8,34,38,39,40,41, 2G: 900/ 1800MHz
RF Power	Class 4 (2W@850/900 MHz), Class 1 (1W@1800/1900 MHz)
Coding Schemes	CS 1, 2, 3, 4
SMS	Point to point MO & MT, SMS cell broadcast

## OPERATING ENVIRONMENT

Working Current	Sleep Mode < 25mA, Active Mode < 200mA @12V
Operating Temperature	-20°C to +70°C
Humidity	5% to 95% non-condensing at +40°C

## PHYSICAL SPECIFICATION

Dimension	87 x 44 x 14.1 mm (L x B x H)
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