



# FMS Power Trace 2K



The Power Trace 2K is a specially made device with an internal battery which will last for 3 days without charging. This unique feature means the device is perfect for applications that cannot or should not use the battery life of the vehicle or asset for risk of draining the power source. The device does not feature IO interface, CAN BUS, or RFID- but is designed for users focused

on the accurate location positioning of the vehicles or assets. Optional expansions including supporting both WIFI and zigbee.

As with all of the FMS-Tech products, this device can easily be customized according to the application's specific needs and requirements.

## KEY FEATURES

- The internal battery provides power for up to 3 days without charging
- Device Ingress Protection (IP) rating of IP66 for usage in extreme climates and environments
- Accident Sensor compatible for advanced protection and performance
- Quad Band, GSM technology to enable quality usage world-wide
- Internal GNSS antenna for a more durable device
- Power consumption of 170mA
- Geo-Fencing is an optional add on to help track and manage vehicles
- Bluetooth headset compatible to help encourage safe driving
- Live online tracking for continuous and accurate updates on vehicle location and telematics

## APPLICABLE INDUSTRIES



Oil and Gas



Municipality



Transport



Rent a car



Customs



Construction



Distribution



Supply chain

PRODUCT CODE: FMS-05112-003



# FMS Power Trace 2K

## GNSS

GPS/GLONASS	GPS
Satellite Channels	22 SAT / 66 CH
Tracking Sensitivity	-165 dBm
Satellite Acquiring time	
- GPS Hot Start	< 6 sec
- GPS Cold Start	< 30 sec
GNSS Antenna	Internal
Speed (GPS/Gearbox)	GPS

## GSM

GSM Network 2G	GPRS multi-slot Class 12
GSM Network 3G / LTE	Optional
GSM Technology	Quad Band
TCP/IP	Yes
TLS	SSL V3, TLS 1.0, TLS 1.1, TLS 1.2
Voice Support	No
GSM Antenna	Internal

## I/O INTERFACE

Total Inputs	0
Digital/Analog	0
Frequency	0
Ignition	0
Total Outputs	0

## COMMUNICATION INTERFACE

CAN Bus	No
RS232	Yes
RS485	No
WiFi	Optional
Zigbee 2.4GHz	Optional

## DRIVER ACCESS CONTROL

Technology	No
RFID Frequency	No
RFID Card	No

## IMMOBILIZATION

Ignition Relay	No
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## INBUILT HARDWARE

Internal Battery	Yes (3 days)
Internal Memory	4MB
Internal Buzzer	Yes

## POWER SUPPLY

Input Supply	Power Bank 8.4 V
Power Consumption (12 V)	
- Active mode	170 mA
- Sleep mode	90 mA
Power Spike Protection	12 V

## ENCLOSURE

IP Rating	IP66
Status Indicators	4 LEDs (GSM, GPS, WL & Power)
Dimensions	168 x 110 x 86 mm
Weight	1,300 gms

## COMPATIBLE FMS ACCESSORIES

E-Lock	Yes
Fuel Sensor	No
Accident Sensor	Yes
Proximity Sensor	No
Iridium Satellite	No
In-Cab Camera	No
Panic Button	No
Mic & Speaker	No
Bluetooth Headset	Optional

## FEATURES

Live Online Tracking	Yes
Historical Tracking	Yes
Geo-fencing	Yes
Buzzer Alarm	Yes
Remote Immobilization	No
Upgradable Hardware	Yes
Number of Events	100
Events Configuration	Limited
Harsh Braking	Yes
Harsh Acceleration	Yes
Vibration (Graded road)	Yes
Movement Detection	Yes
Trailer ID	No
Driver Fatigue	No
Tail gaiting	No
MP3 Voice Alert	No
Harness Cable	No
Reports generation	Yes
Number of Reports	20+
Supply from Electric Lighter connection	No

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