KYNECTION
KNOWLEDGE IN MOTION

K-Tracker Solar

Kylos Solar is a highly advanced GPS monitoring device, it has been designed for challenging conditions such as trailers, containers, boxcars, mining equipment, stationary and remote asset monitoring where permanent DC power supply is not always available. This robust all in one unit offers Solar panel, IP67 rating, large battery capacity, and the added advantage of a solar panel interface.

Main Features:

- Big size solar panel for better solar power supply
- Ultra low power consumption with sleep mode function
- Easy instllation and simple user manual
- Solar panel power support
- Waterproof IP67
- GPS/Beidou/Golnass
- Strong magnets supports (4pcs, optional accessories)
- Tire pressure monitoring (optional)

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General Specifications

Battery	Smart Power Management	10000mAh Battery Built in Smart charging with both DC/Solar Power Supply Mode: DC, Solar panael or both
Power Consumption	ULTRA LOW Consumption MCU	uA level Complete device consumption less than 1 mA in sleep mode Working mode standby consumption 25mA Peak value 50mA when unit is sending data to server Less than 1mA in long standby mode
Solar Panel Output (Max1000mA output)	Unit Power Consumption: Sleep mode: Standby mode: Power Supply Mode: Solar Panel Dimension:	14mA 25mA DC, Solar panel or both 310* 195mm 30×23×5cm
Measurement	Dimensions	
Power Supply (DC 9-45V)	Sim Card Socket Micro USB Inner Memory 1-wire Analog input	Micro SIM Card For Firmware update, configuration 16Mb SST flash loggin in blackspot 3G area Temperature sensor(with3.3v and GND) 1 for detecting voltage level
Cellular	4G LTE Cat M1bands Data Support	B1/B3/B8/B28 @ LTE FDD, B1/B8 @ WCDMA(Europe, Middel East, Africa) B2/B4/B12/B113/B25/B26@LTE FDD, B2/B4/B5@WCDMA(North America) UDP, TCP, SMS
GNSS	GNSS Sensitivity Position Accuracy Acquisition	GPS, SBAS, QZSS, GLONASS, BeiDou, Galileo Tracking & Nav: -167 dBm Cold start: -148dBm | Hot start: -157dBm 2.0m CEP Cold starts: 26s | Aided starts: 2s| Reacquisition 1s