

# NorthTracker Machine Easy Specs.:

Technology

GSM/GPRS/GNSS/BLUETOOTH

## GNSS

GNSS	GPS, GLONASS, GALILEO, BEIDOU, SBAS, QZSS, DGPS, AGPS
Receiver	33 channel
Tracking sensitivity	-165 dBm
Accuracy	< 3 m
Hot start	< 1 s
Warm start	< 25 s
Cold start	< 35 s

## CELLULAR

Technology	GSM
2G bands	Quad-band 850 / 900 / 1800 / 1900 MHz
Data transfer	GPRS Multi-Slot Class 12 (up to 240 kbps), GPRS Mobile Station Class B
Data support	SMS (text/data)

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## POWER

Input voltage range      6 - 30 V DC with overvoltage protection

Back-up battery            170 mAh Li-Ion battery (0.63 Wh)

Power consumption  
At 12V < 2 mA (Ultra Deep Sleep)  
At 12V < 4 mA (Deep Sleep)  
At 12V < 5 mA (Online Sleep)  
At 12V < 6 mA (GPS Sleep)  
At 12V < 25 mA (nominal)

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## PHYSICAL SPECIFICATION

## PHYSICAL ENVIRONMENT

Dimensions                93 x 58 x 14 mm (L x W x H)

Weight                      54 g

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## OPERATING ENVIRONMENT

Operating temperature (without battery)      -40 °C to +85 °C

Storage temperature (without battery)        -40 °C to +85 °C

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Operating humidity	5% to 95% non-condensing
Ingress Protection Rating	IP54
Battery charge temperature	0 °C to +45 °C
Battery discharge temperature	-20 °C to +60 °C
Battery storage temperature	-20 °C to +45 °C for 1 month -20 °C to +35 °C for 6 months

## FEATURES

Sensors	Accelerometer
Scenarios	Green Driving, Over Speeding detection, Jamming detection, GNSS Fuel Counter, DOUT Control Via Call, Excessive Idling detection, Unplug detection, Towing detection, Crash detection, Auto Geofence, Manual Geofence, Trip
Sleep modes	GPS Sleep, Online Deep Sleep, Deep Sleep, Ultra Deep Sleep
Configuration and firmware update	FOTA Web, FOTA, Teltonika Configurator (USB, Bluetooth), FMBT mobile application (Configuration)
SMS	Configuration, Events, DOUT control, Debug
GPRS commands	Configuration, DOUT control, Debug
Time Synchronization	GPS, NITZ, NTP

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Fuel monitoring

LLS (Analog), OBDII dongle

Ignition detection

Digital Input 1, Accelerometer, External Power Voltage, Engine RPM (OBDII dongle)