AT4

AT4-ATK-3W-LTEM-ATT
LOCATION AND ENGINE RUNTIME DATA
WHEN YOU NEED IT

STANDARD EQUIPMENT TRACKER

The Geoforce AT4 Standard Equipment Tracker enables equipment managers to view engine runtime and location for portable powered equipment. By providing higher reporting frequency when the asset is powered on and scaling back reporting when powered down, the AT4 allows companies to more effectively manage portable powered equipment in locations where cellular service is available, and the AT4 will store and forward data created when assets travel out of cellular coverage.

REPORTING RATES

Powered by equipment (ignition on)

- Reports every 15 minutes whether stationary or moving.
- Provides frequent location and engine runtime data during operation.

While stationary (ignition off)

- Reports every 12 hours.
- Provides location and engine runtime at a lower rate reducing data and power usage.

Powered by backup battery

- Reports every 5 minutes when moving and every 12 hours when stationary.
- Provides high data granularity as equipment is being moved or transported.

Improved Powered Equipment Reliability

- Timely asset maintenance detects and corrects small issues before they become big, costly problems.
- Conditional maintenance based on actual engine runtime will help you catch problems while they are still manageable while minimizing wasted service calls.
- Collect readings from remote assets instead of relying on calendar-based schedules, you'll easily stay ahead of your equipment and asset maintenance needs.

MULTIPLE RECORDING RATES

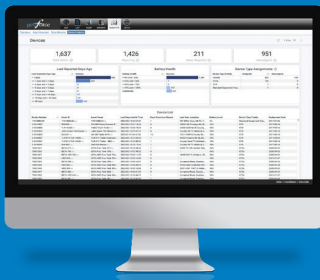Battery replacement schedules will vary based on operating conditions and the reporting rate:

CONFIGURATION REPLACE	ESTIMATED BATTERY LIFE
1 transmits per day	Up to 7 years
2 transmits per day	Up to 4 years
4 transmits per day	Up to 3 years
6 transmits per day	Up to 1 year

MANAGE YOUR ASSETS WITH GEOFORCE TRACK AND TRACE

The Track and Trace platform combines our rugged tracking devices with global satellite/cellular network integration to give you critical information on asset location and retrieval, rental invoice auditing, service delivery verification, inspection compliance, and equipment maintenance.

TECHNICAL SPECIFICATIONS

COMMUNICATION
LTE CAT M1 / CAT NB1/NB2 / 2G Fallback
M1:LTE-FDD:
B1/B2/B3/B4/B5/B8/B12/B13/B14/B18/B19/B20/B25/B26*/B27/B28/B66/B85
NB2: LTE-FDD:
B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B25/B26*/B28/B66/B71/B85
EGPRS(2G):
850/900/1800/1900MHz(Bands 2, 3, 4, 5, 8, 12, 13, 20, 26 ,28)

LOCATION SERVICES
Receiver:
Gen9 VT of Qualcomm (GPS,GLONASS, BeiDou, Galileo and QZSS).
Sensitivity: Tracking & Navigation: –157dBm
Cold start: -149dBm
Hot start: –157 dBm
Accuracy: Position accuracy <3 m CEP-50

SENSORS
3-Axis Accelerometer (motion, movement, position/tilt)

PHYSICAL SPECIFICATIONS
Dimensions: (100.6 × 56.6 × 33.7) mm
Weight: 4.8 oz

BATTERY PACK
Battery: Wrapped battery Pack (3.6 V Lithium-Ion, 5600 mAh) non-rechargeable batteries
Operating Voltage: 3.5 – 3.6V

ENVIRONMENTAL
Operating Temperature: -40°F to 185°F (-40 to+85C)
Humidity: 95%RH @ 50° C non-condensing

ENCLOSURE
IP67, Rugged Dust/Waterproof

CERTIFICATION
Certifications: CTIA(PTCRB/OTA), FCC/IC
Vibration and Shock: MIL-STD-810G