



### Features

- Large capacity battery
- Compact design; minimum installation effort
- No physical power button for secure tracking
- Pin-point accurate cell locations & AGPS
- Request current location by making a phone call
- Stand-by time up to 1 year under motion activation
- Tracking once an hour , operating time up to 50 days
- IP67 dust tight and waterproof rating

### Specifications

Mechanical and Environmental		
Dimension (L x W x H)	100 x 70 x 32 mm (±2 mm)	
Weight	250 g	
Material	PC-ABS thermoplastic, heat and impact resistant	
IP Rating	IP67	
Operation Temperature	-20°C ~ +60°C	
Storage Temperature	-40°C ~ +85°C	
Electrical		
Battery	Battery Cell	2500 mAh cylindrical Li-Ion
	Operation Temperature	-20°C ~ +60°C
	Storage Condition	-20°C ~ +35°C, low humidity and no corrosive gas
	Capacity	5,000 mAh
	Charging*	EU/UK/US travel adaptor
Power Supply Input**	Standard 3.7 Vdc, external power lead 6 ~ 36 Vdc	
Power Consumption	Transmit	200 mA
	Stand-by	70 ~ 90 mA
	Dormant	2 ~ 4 mA
	Sleep	0.1 ~ 0.4 mA



# AT-5000

## Waterproof Asset Tracker

IO Interface and Other	
LED	Blue GSM
	Red Power
	Amber GPS
	Green / Red Charging (charging / charge complete)
IP68 M9 Connector*	Charging port
Input**	6 ~ 36 Vdc up to 2A
SIM Slot	Full size SIM
USB	Prolific USB-to-Serial Comm Port
3-Axes Accelerometer	±16G (default)
Memory Backup	8 MB flash memory
Antenna	Built-in GPS and GSM antennas
GPS	
Receiver Type	56-channel, GPS L1 C/A, SBAS: WAAS, EGNOS, MSAS
Acquisition	Cold starts 29 secs, aided starts 5 secs, reacquisition 1 sec
Sensitivity	Tracking & Nav. -162 dBm, cold starts -148 dBm, warm starts -148 dBm
Accuracy	Autonomous 2.5 m, SBAS 2.0 m
Operation Limits	Altitude 50,000 m, velocity 500 m/s, dynamics ≤ 4 g
Cellular Communication	
Mobile Station Class	Class B
GSM / GPRS Bands	GSM 850 MHz, E-GSM 900 MHz, DCS 1800 MHz, PCS 1900 MHz
Packet Switched Data Rate	GPRS multi-slot class 10, coding scheme CS1 – CS4, up to 85.6 kb/s DL, up to 42.8 kb/s UL
Key Features	Embedded TCP/IP, UDP/IP, HTTP/FTP protocols
	Network jamming Detection
	CellLocate & hybrid positioning



# AT-5000

## Waterproof Asset Tracker

### Accessories

Standard
1 A USB AC power adapter*
USB to M9 charging cable*
Stainless steel water/dust proof cap (for charging port)*
Warranty seals
Optional
Magnets
USB to serial cable (for configuration use)

**\*For no external power lead version only. Please use the factory power adapter. Do NOT connect to a desktop or laptop computer for charging!**

**\*\*For external power lead version only.**

**NOT E:**

1. Datasheets are updated as needed and as such, specifications are subject to change without notice.
2. All specifications are measured at an ambient temperature of 25°C, humidity<75%, and nominal input voltage.