

MT700 Battery Life

(Non-Rechargeable Version)



Interval	Average Current	Battery Life
MODE 1 (Real Time Mode)		
10 seconds	22.8mA	6 days
1 minute	16.4mA	8 days
MODE 2 (GPS Auto Mode)		
10 mins	8.42mA	16 days
30 mins	5.33mAh	26 days
MODE 3 (Deep Sleep Mode)		
1 hour	1.46mA	136 days
2 hours	581.79uA	244 days
4 hours	484.7uA	292 days
8hours	220.75uA	642 days (1.76 years)
12 hours	100.21uA	1414 days (3.87 years)
24 hours	57.14uA	2479 days (6.79 years)
Test Environment:		
1.The evaluation is based on the non-rechargeable battery: 3 pieces of L91 3400mAh batteries.		
2.Use a China Mobile NB-IoT SIM Card and disable eDRX during the test.		
3.Real test in Mictrack office (not in the Lab).		

MT700 Battery Life

(Rechargeable Version)



Interval	Average Current	Battery Life
MODE 1 (Real Time Mode)		
10 seconds	22.8mA	14 days
1 minute	16.4mA	19 days
MODE 2 (GPS Auto Mode)		
10 mins	8.42mA	39 days
30 mins	5.33mAh	60 days
MODE 3 (Deep Sleep Mode)		
1 hour	1.46mA	97 days
2 hours	1.15mA	135 days
4 hours	518.58uA	159 days
8hours	422.34uA	297 days
12 hours	197.36uA	386 days
24 hours	98.99uA	>720 days
Test Environment:		
1.Use a rechargeable 3.7V 78000mAh lithium-ion battery		
2.Use a China Mobile NB-IoT SIM Card and disable eDRX during the test.		
3.Real test in Mictrack office (not in the Lab).		