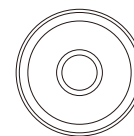


Specifications	
Cell Capacity:	2200mAh
Nominal Capacity:	2200mAh
Minimum Capacity :	2100mAh
Nominal Voltage:	1.5±0.05V
Discharge Cut-off Voltage:	1.1±0.05V
Maximum Discharge Current:	2.5A
Cycle Life:	1200+
Charging Voltage:	4.75-5.5V
Charging Current:	0.35±0.05A
Protected:	Yes
Positive Pole:	Button Top
With Indicator:	Yes
Operating Temperature:	-20 ~ 60°C
Charging Temperature:	0~45°C
Storage Temperature:	-20 ~ 50°C(Recommended at 25±5°C)
Storage Humidity:	65±20%(Recommended≤ 70% RH)
Net Weight:	About 22.5g
Size:	Φ14.3±0.3mm x H50.3±0.5mm

Φ 14. 2±0.3mm



50. 3±0. 5mm

Φ 14. 3±0.3mm

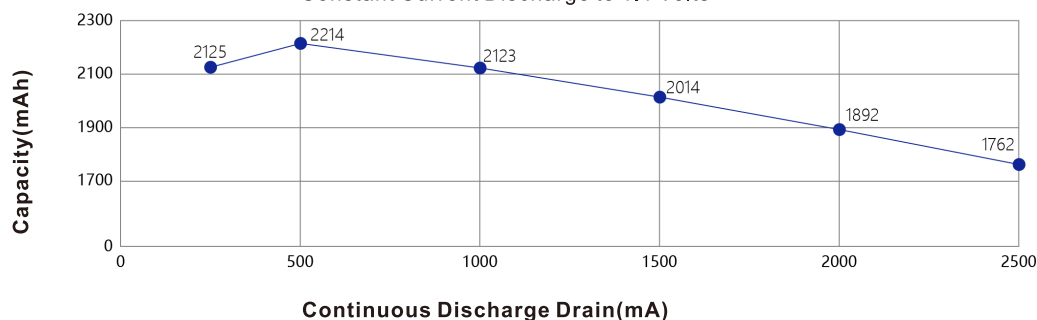
Typical service output (new battery, at 20±5°C)

Load	Conditions	End Voltage	Time
43Ω	4h/d	1.05V	15days
24Ω	15s/m,8h/d	1.05V	4days
3.9Ω	1h/d	1.05V	6days

Test Name	Discharge Performance Test					
Test Condition	Tests are carried out under the temperature of 20±5°C					
Test Current(mA)	250	500	1000	1500	2000	2500
Measured Capacit(mAh)	2125	2214	2123	2014	1892	1762
Measured Energy(mWh)	3080	3202	3067	2896	2738	2544

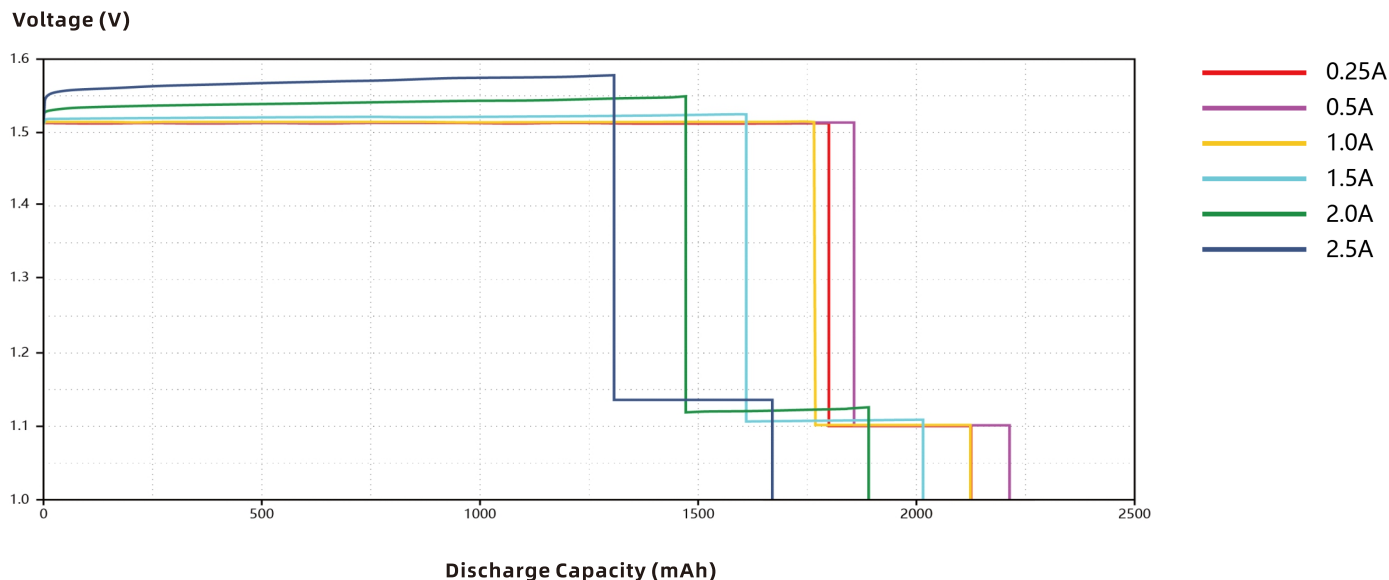
Milliamp-Hours Capacity

Constant Current Discharge to 1.1 Volts



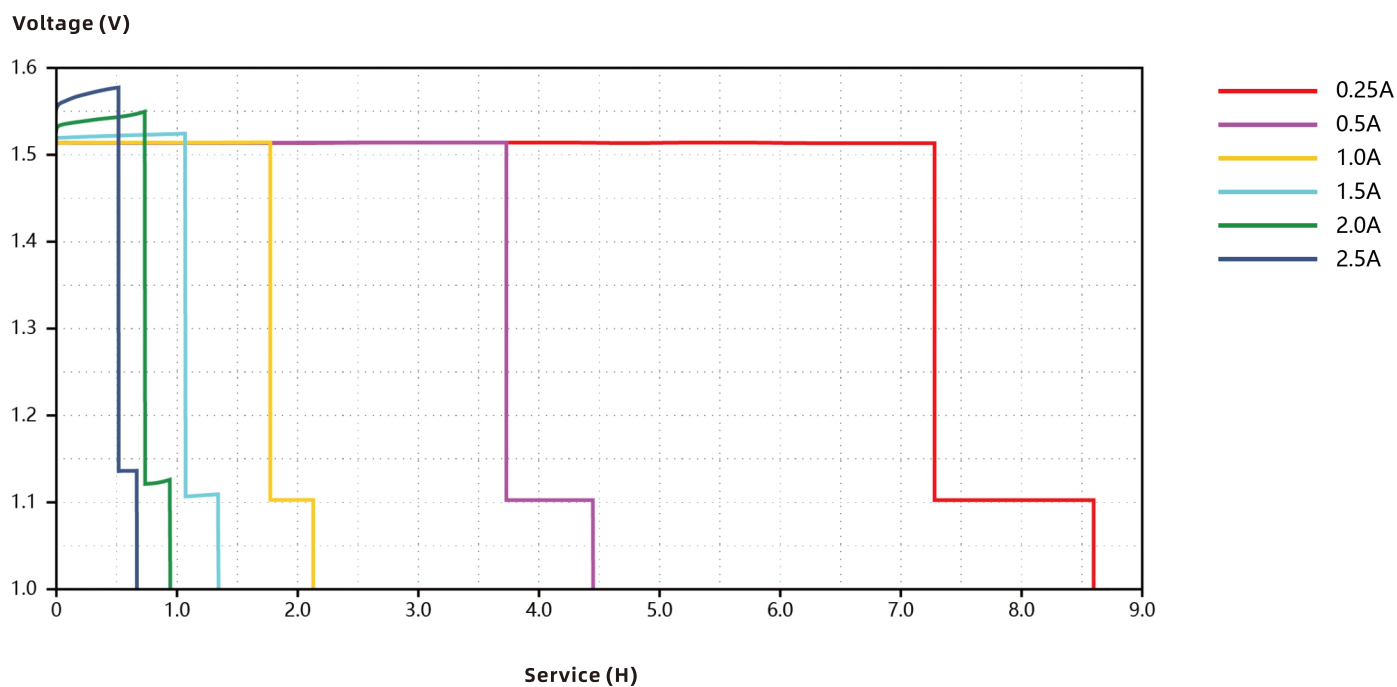
Discharge Profile

Constant Current Discharge



Constant Output Performance

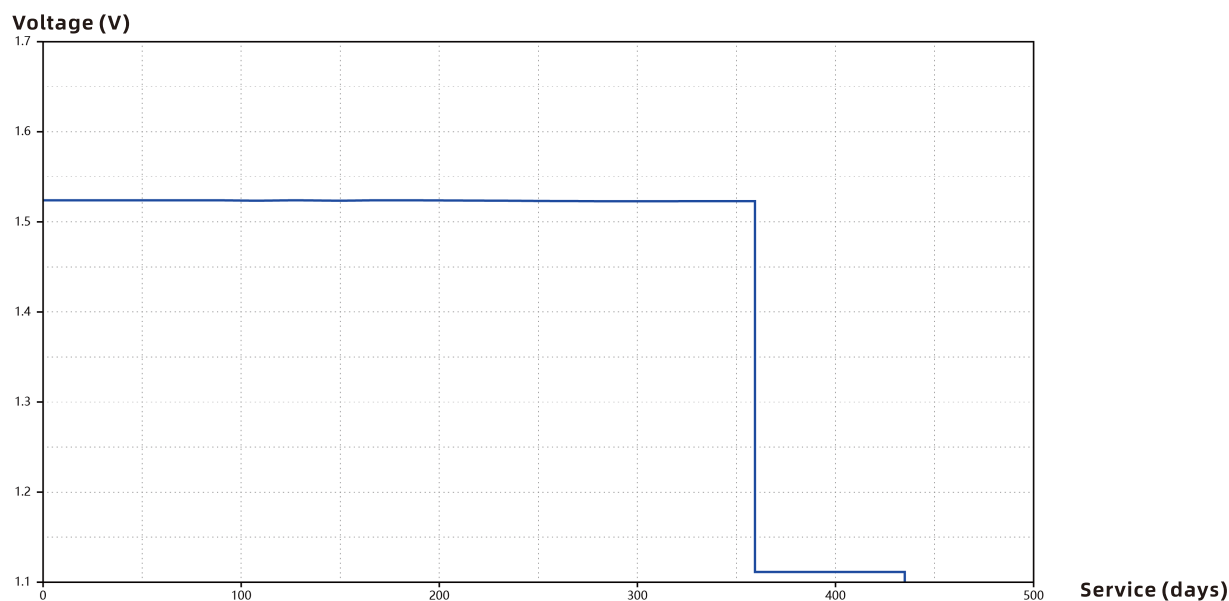
Typical Discharge Characteristics (20±5°C)



Application Tests

Smart Door Lock

300mA 1min/day, Standby 50μA, 4xBatt.s



Portable Lighting

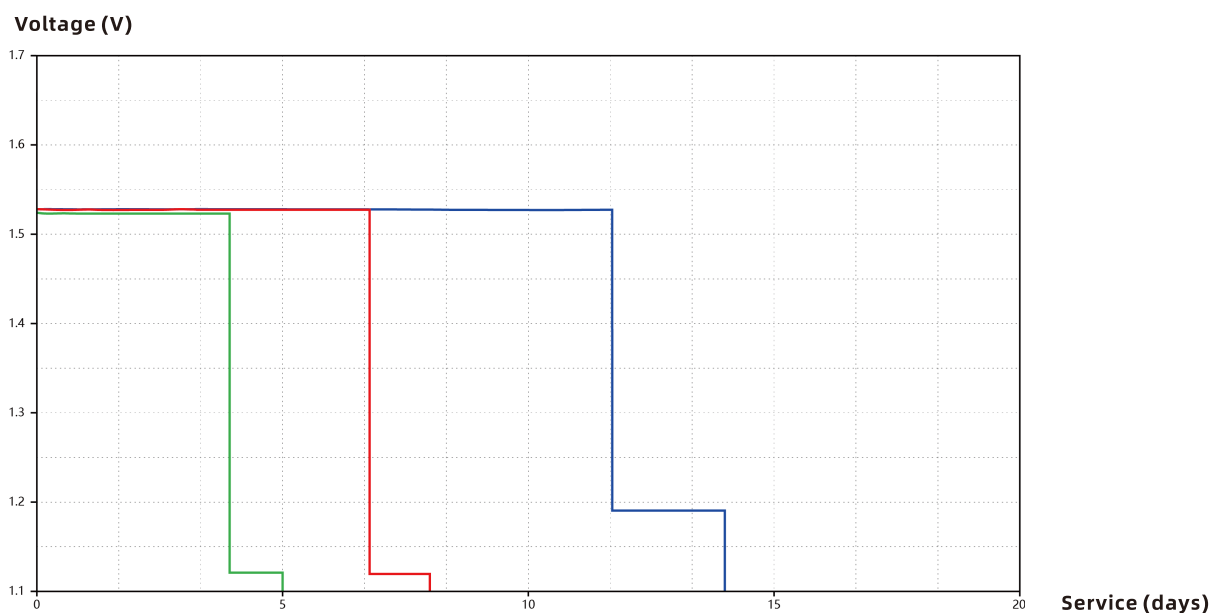
3.3ohm 1h/day

Wireless Mouse

3mA 4h/day, Standby 10μA

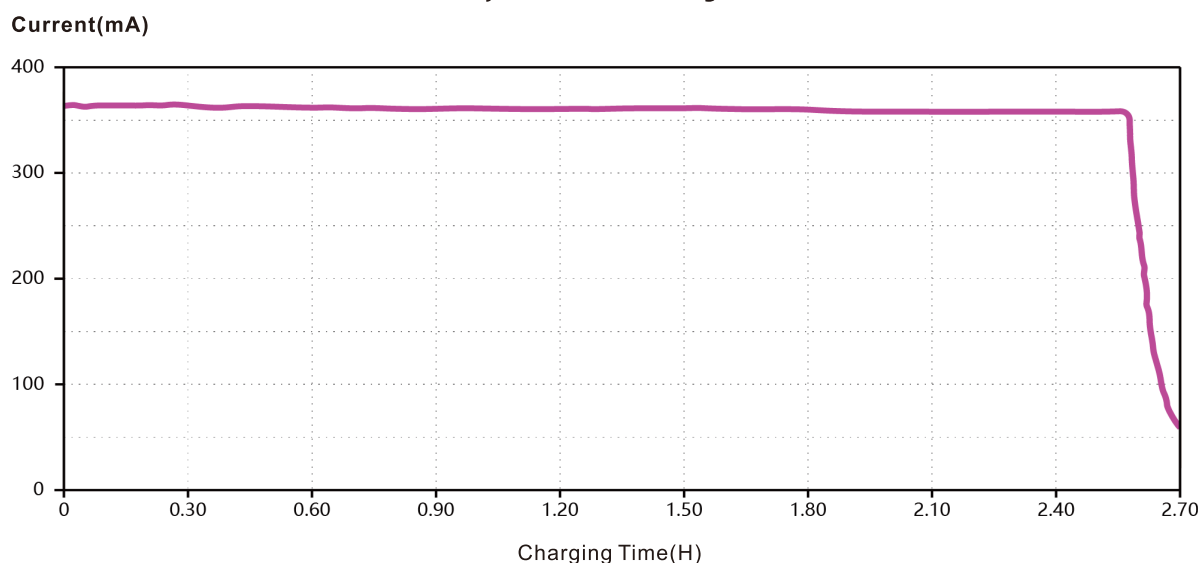
Wireless Microphone Transmitter

110mA 30min/day, 3V, 2xBatt.s



Charging Current Diagram

By XTAR VX4 charger



Battery LED Indicator Status Table

Battery Status	LED Indicator Status
In the charging	1HZ flash
Charge complete	LED on
No battery	High speed flash
In the discharging	LED off
Discharging short circuit	10HZ high speed flash
Discharging low voltage	Blink at 1HZ for eight times, and then off

Notice:

1. Please read instructions and manual before using the product for safety purposes.
2. Do not charge the battery with unspecified charger. We recommend to use only compatible XTAR 1.5V Li-ion battery chargers for safety and the highest efficiency.
3. Please avoid ambient temperature over 50°C. Do not leave the battery in a car for safety purposes.
4. When the battery is not used for a long period, please keep it in a cool and dry place.

To maintain battery performance, it is recommended to carry out one complete charge and discharge cycle every six months in accordance with the standard charging and discharging procedure, and then continue charging for an additional 1.5 hours. After this maintenance, the battery may be returned to normal use or kept in storage.

Important Notice

This data sheet contains typical information specific to batteries manufactured at the time of its publication.

Contents herein do not constitute a warranty and are for reference only.

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