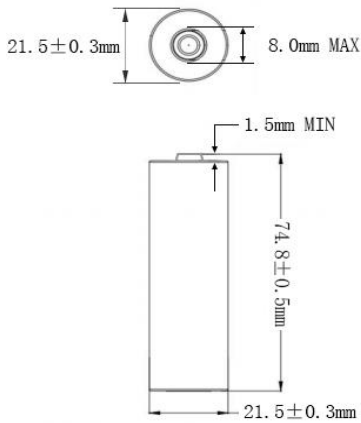


XTAR 21700HP 5000mAh Rechargeable Li-ion Battery



Standard Dimensions



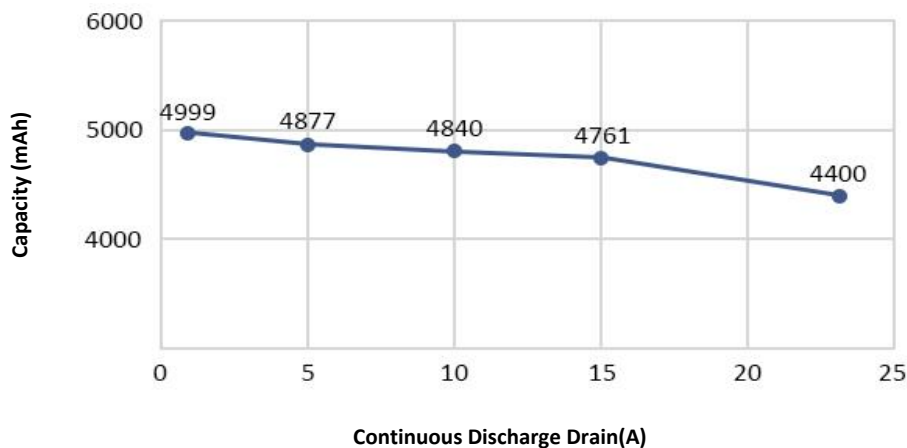
Specifications

Nominal Capacity:	5000mAh
Minimum Capacity:	4800mAh
Nominal Voltage:	3.6V
Discharge Cutoff Voltage:	2.5V
Max Continuous Discharge Current:	25A (80°C or below)
Internal Resistance:	≤23mΩ
Cycle Life:	500+
Standard Charging Voltage:	4.2±0.03V
Standard Charging Current:	2.5A
Max Charging Current:	5A
Discharge Overcurrent Protection:	25.5~35A
Transport Voltage:	3.6~3.9V
Protected:	Yes
Positive Pole:	Button Top
Operating Temperature:	-20 to 50°C
Storage Temperature:	-20 to 50°C (best at 25°C)
Net Weight:	≤73g

Name	XTAR 3.6V 21700HP 5000mAh Rechargeable Li-ion Battery				
Test Condition	Tests are carried out under the temperature of 20±5°C				
Test Current(A)	1	5	10	15	23
Measured Capacity (mAh)	4999	4877	4840	4761	4400
Measured Energy (Wh)	17.7	16.8	16.1	15.4	13.6

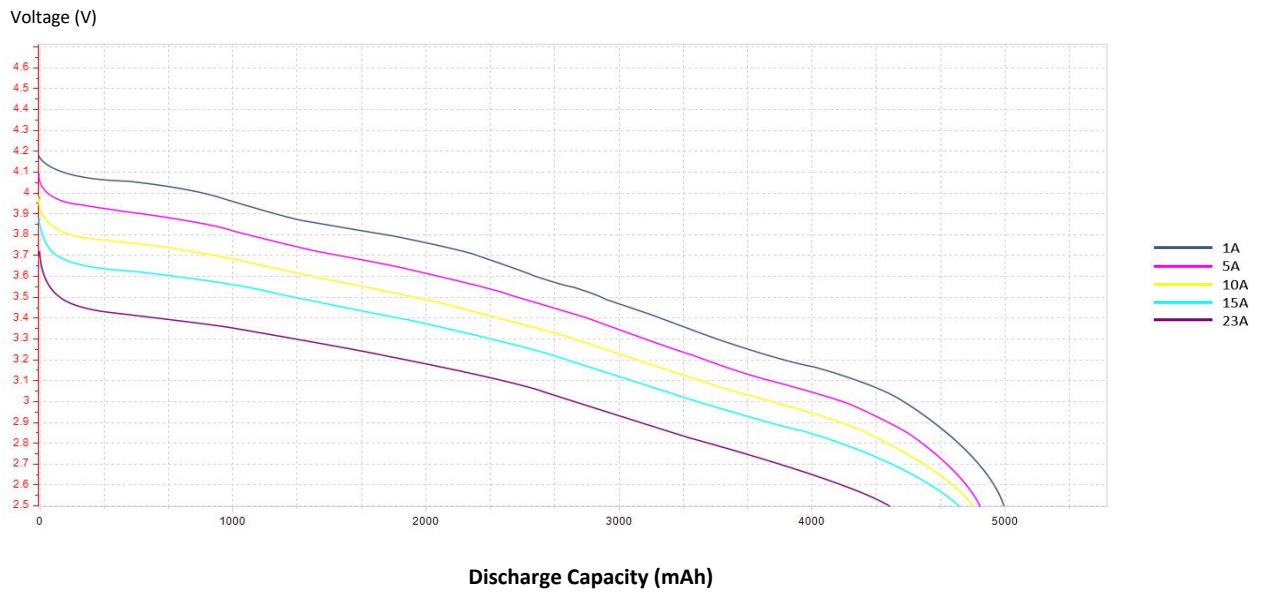
Milliamp-Hours Capacity

Constant Current Discharge to 2.5 Volts



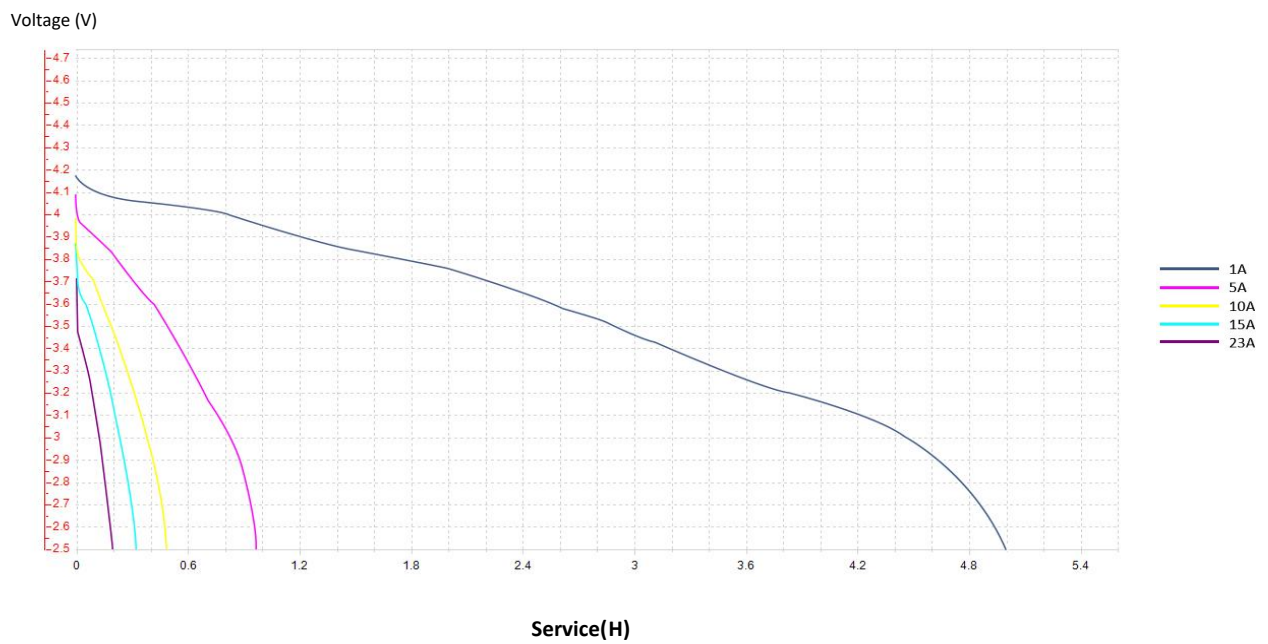
Discharge Profile

Constant Current Discharge

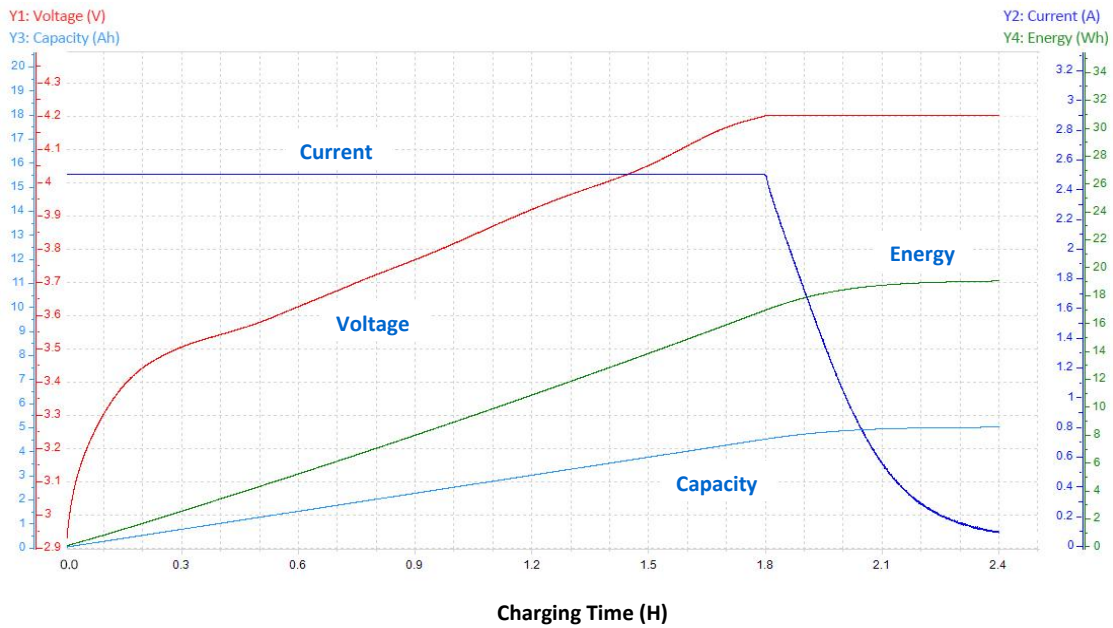


Constant Output Performance

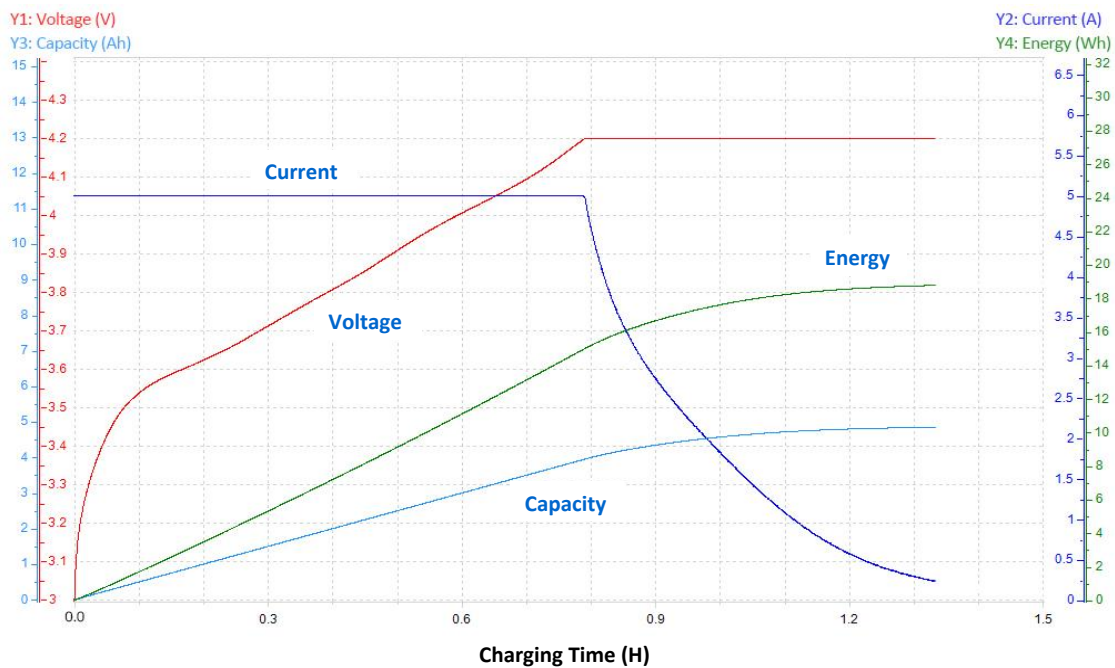
Typical Discharge Characteristics (20 ± 5°C)



2.5A Charging Current Diagram



5A Charging Current Diagram



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.

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