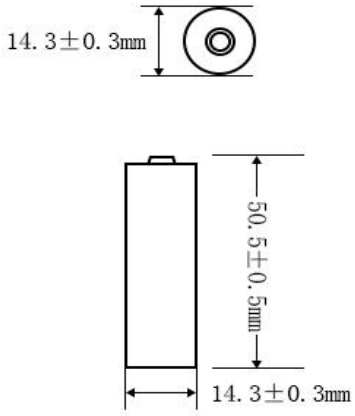
Shenzhen XTAR Electronics Co.,Ltd
Address: 5th Floor, No.77 Xinhe Rd, Shangmugu, Pinghu Area, Longgang District, Shenzhen, Guangdong, China 518111
Tel/Fax: (+86)755-25507076
E-mail: info@xtar.cc
Web: www.xtar.cc

XTAR 14500 800mAh Rechargeable Li-ion Battery



Standard Dimensions



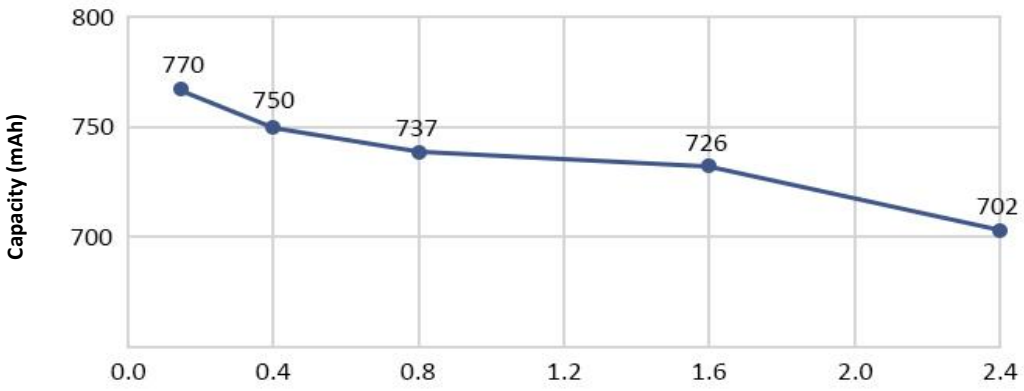
Specifications

Nominal Capacity:	800mAh
Minimum Capacity:	690mAh
Nominal Voltage:	3.6V
Discharge Cutoff Voltage:	2.75V
Continuous Discharge Current:	1600mA (45℃ or below)
Internal Resistance:	≤130mΩ
Cycle Life:	300+
Standard Charging Voltage:	4.2±0.03V
Standard Charging Current:	160mA
Max Charging Current:	560mA
Discharge Overcurrent Protection:	2.2~4.0A
Transport Voltage:	3.6~3.9V
Protected:	Yes
Positive Pole:	Button Top
Operating Temperature:	-20 to 50℃
Storage Temperature:	-20 to 50℃ (best at 25±5℃)
Net Weight:	≤18.5g

Name	XTAR 3.6V 14500 800mAh Rechargeable Li-ion Battery				
Test Condition	Tests are carried out under the temperature of 20±5℃				
Test Current(A)	0.16	0.4	0.8	1.6	2.4
Measured Capacity (mAh)	770	750	737	726	702
Measured Energy (Wh)	2.8	2.7	2.6	2.4	2.2

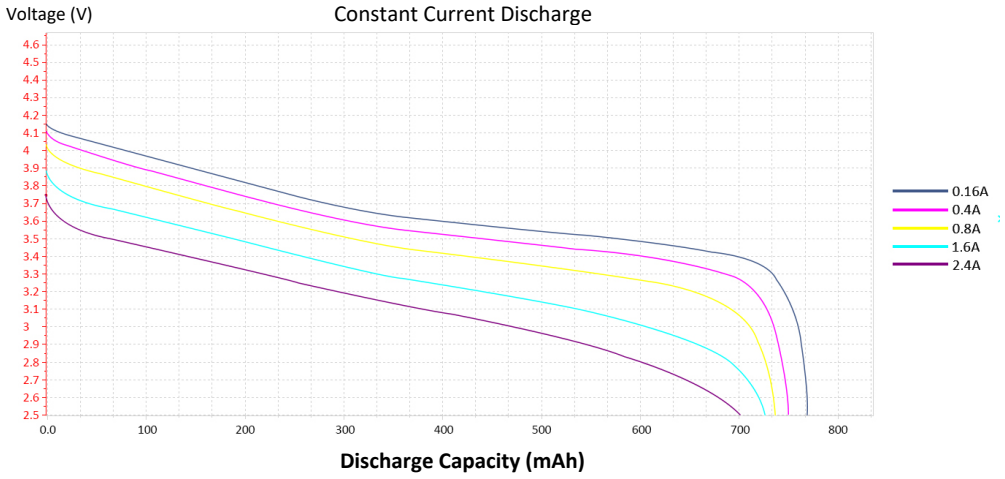
Milliamp-Hours Capacity

Constant Current Discharge to 2.5 Volts

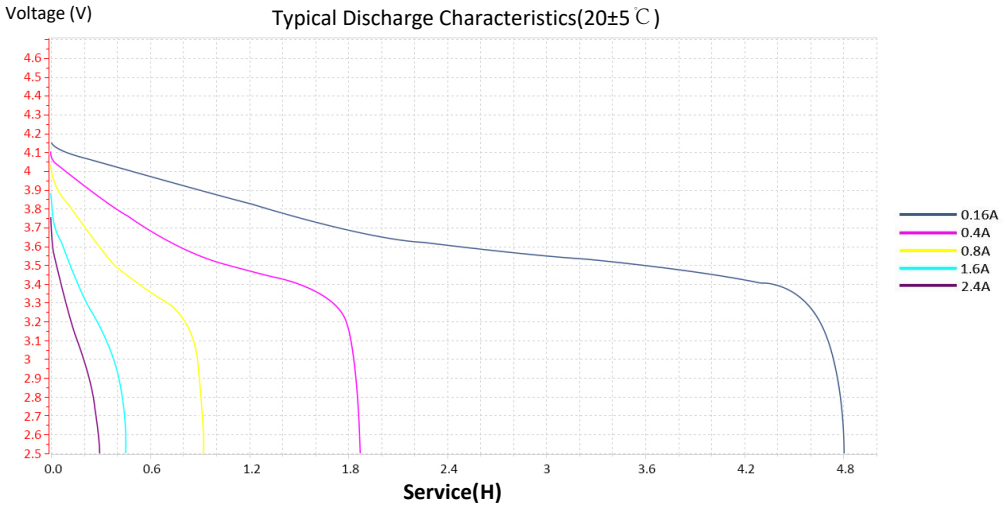


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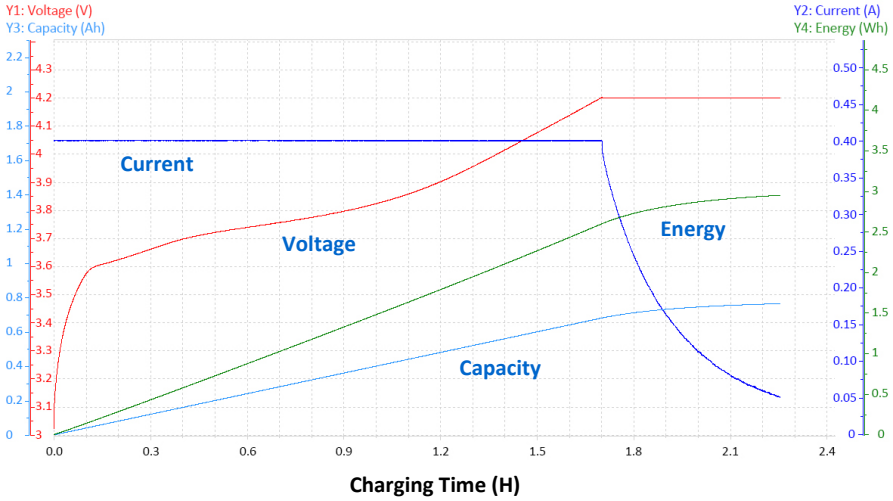
Discharge Profile



Constant Output Performance



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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