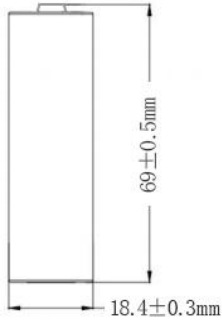
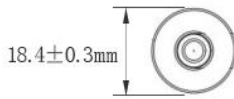


## XTAR 18650 3500mAh Li-ion Rechargeable Battery



### Standard Dimensions

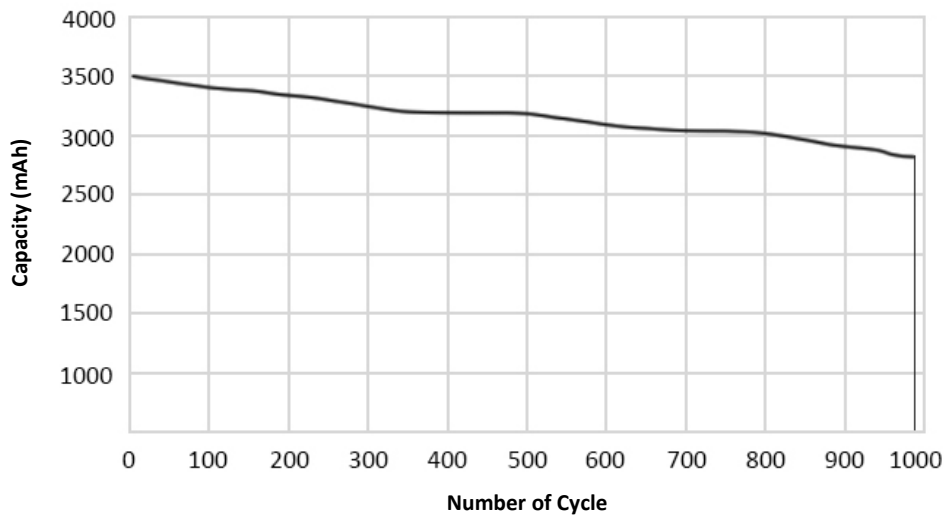


### Specifications

Nominal Capacity:	3500mAh
Mini Capacity:	3325mAh
Nominal Voltage:	3.6V
Discharge Cutoff Voltage:	2.5V
Continuous Discharge Current:	10A
Internal Resistance:	≤ 45mΩ
Cycle Life:	800+
Standard Charging Voltage:	4.2 ± 0.05V
Standard Charging Current:	700mA
Max Charging Current:	2450mA
Discharge Overcurrent Protection:	11 ~ 13A
Transport Voltage:	3.6 ~ 3.9V
Protected:	Yes
Positive Pole:	Button Top
Operating Temperature:	-20 to 60°C
Storage Temperature:	-20 to 50°C (best 25±5°C)
Net Weight:	≤ 50g

### Cycle Characteristics Profile

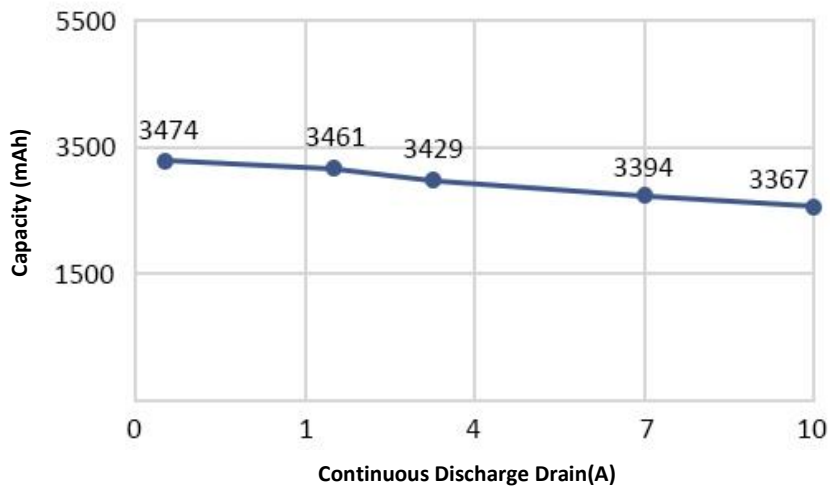
Tests are carried out under the temperature of 20 ± 5°C



<b>Name</b>	XTAR 3.6V 18650 3500mAh Li-ion Rechargeable Battery				
<b>Test Condition</b>	Tests are carried out under the temperature of 20±5 °C				
<b>Test Current(A)</b>	0.7	1.75	3.5	7	10
<b>Measured Capacity (mAh)</b>	3474	3461	3429	3394	3367
<b>Measured Energy (Wh)</b>	12.4	12.2	11.8	11.3	11

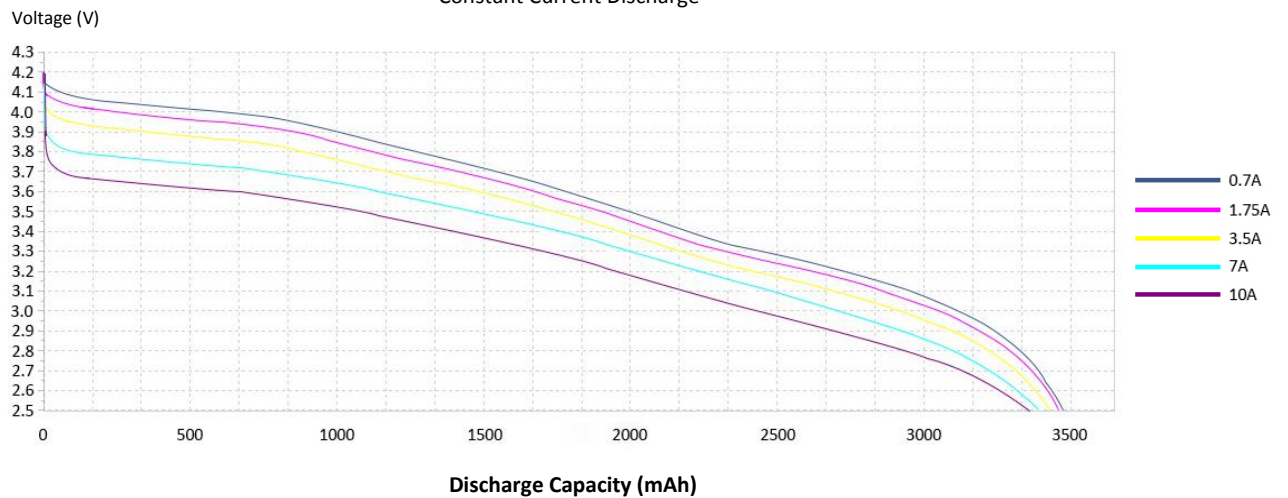
## Milliamp-Hours Capacity

Constant Current Discharge to 2.5 Volts



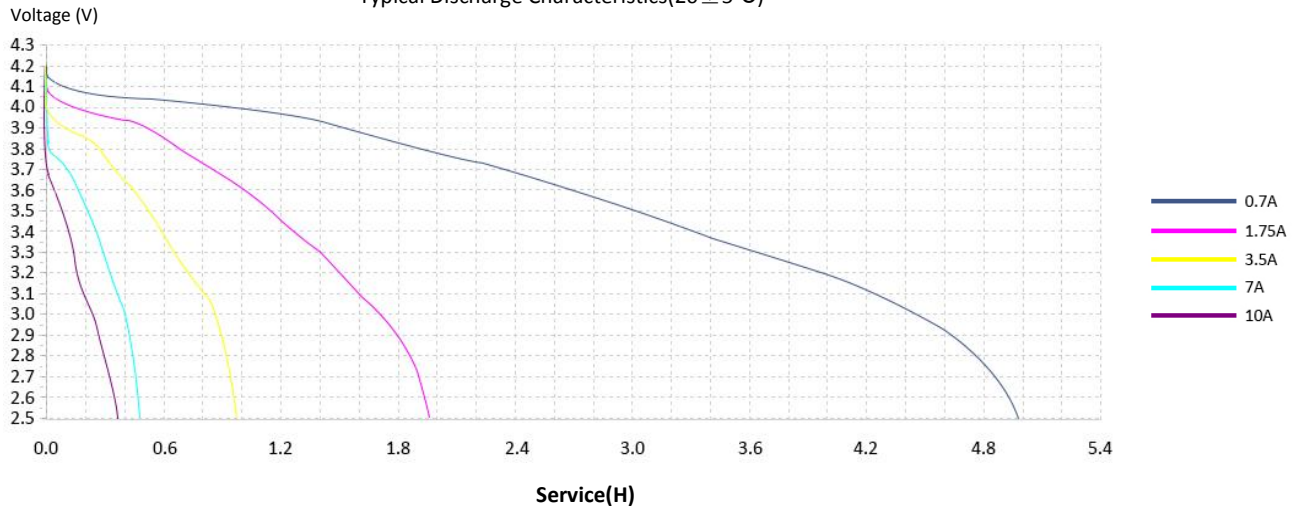
## Discharge Profile

Constant Current Discharge

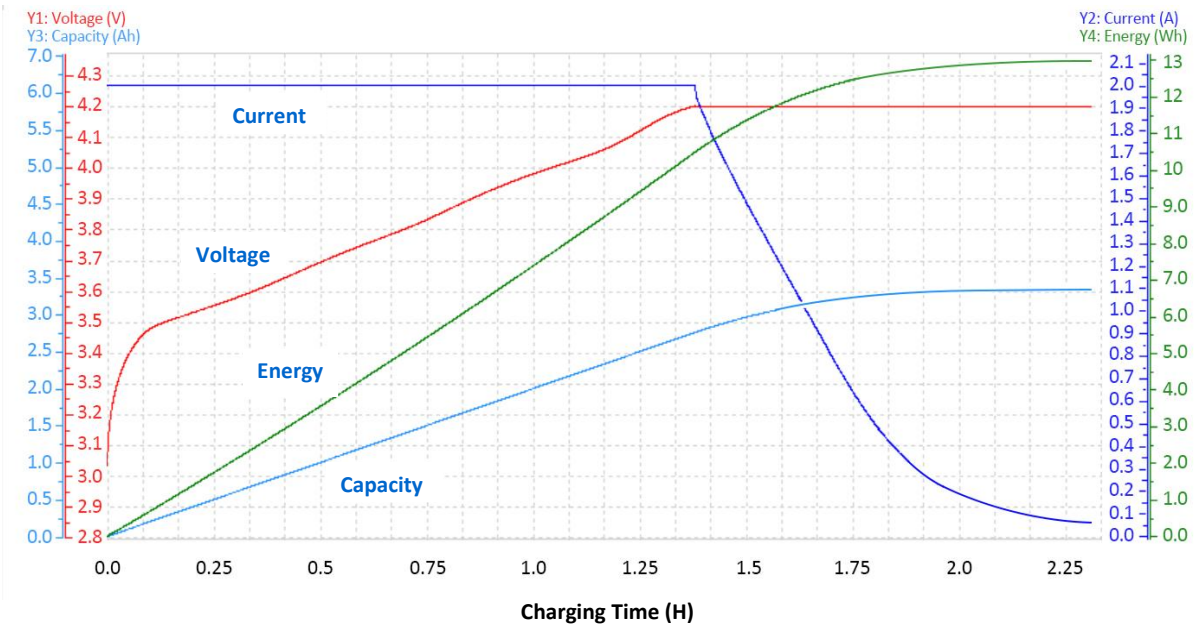


## Constant Output Performance

Typical Discharge Characteristics(20±5°C)



## 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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