XTAR®
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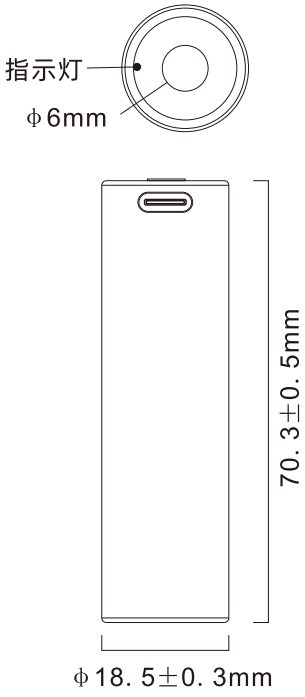
XTAR 3.6V 18650 3500mAh USB-C Rechargeable Li-ion Battery

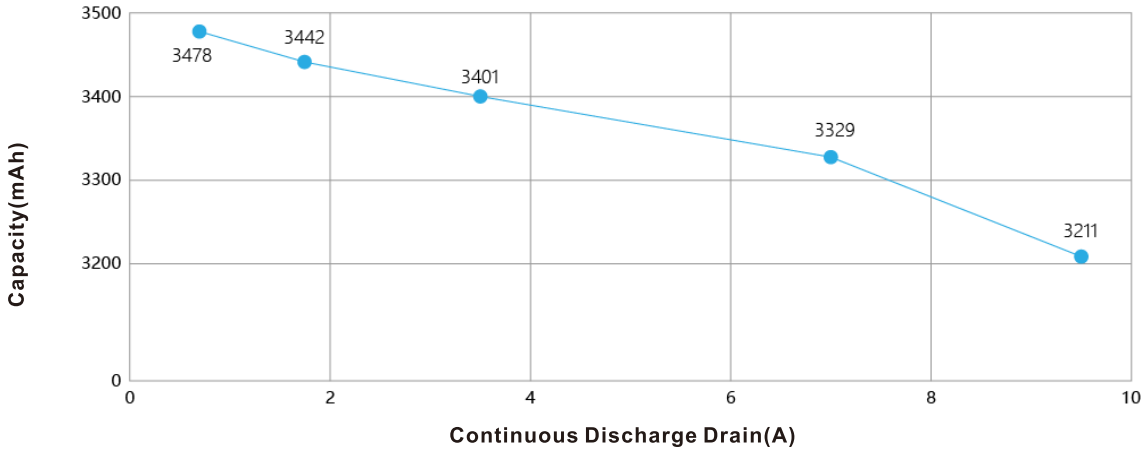
Specifications	
Nominal Capacity:	3500mAh
Minimum Capacity :	3400mAh
Nominal Voltage:	3.6V
Discharge Cut-off Voltage:	2.5V
Maximum Continuous Discharge Current:	10A
Discharge Overcurrent Protection:	10.5-15A
Internal resistance:	≤45mΩ
Cycle Life:	500+
Standard Charging Voltage:	4.2±0.03V
Standard Charging Current:	0.7A
Maximum Charging Current:	0.7A (at 0-10°C) / 1.75A (at 10-45°C)
Protected:	Yes
Positive Pole:	Button Top
With Indicator:	Yes
Operating Temperature:	-20 - 60°C
Storage Temperature:	Recommended at -5-35°C
Net Weight:	＜53g
Size:	Φ18.5±0.3mm x H70.3±0.5mm



Test Name	Discharge Performance Test				
Test Condition	Tests are carried out under the temperature of 20±5°C				
Test Current(A)	0.7	1.75	3.5	7	9.5
Measured Capacit(mAh)	3478	3442	3401	3329	3211
Measured Energy(Wh)	12.5	12.2	11.7	10.9	10.1

Milliamp-Hours Capacity

Constant Current Discharge to 2.5 Volts



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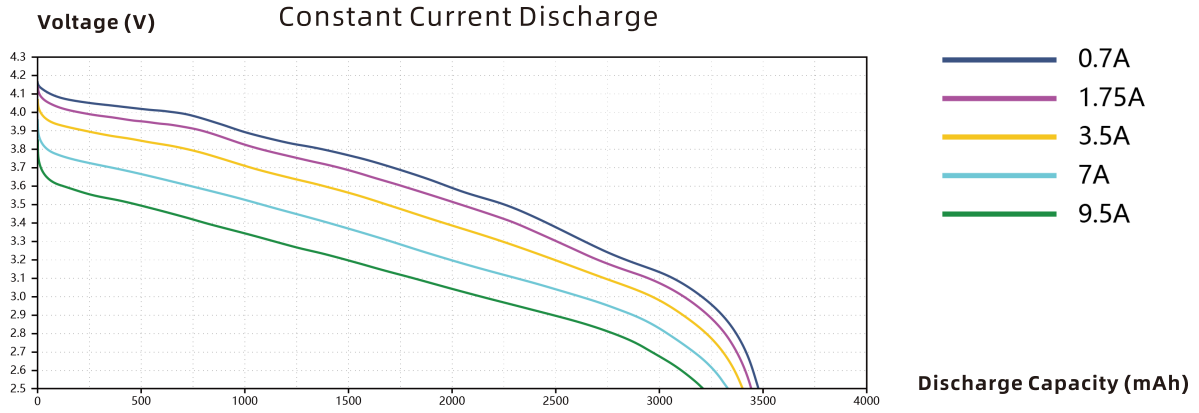
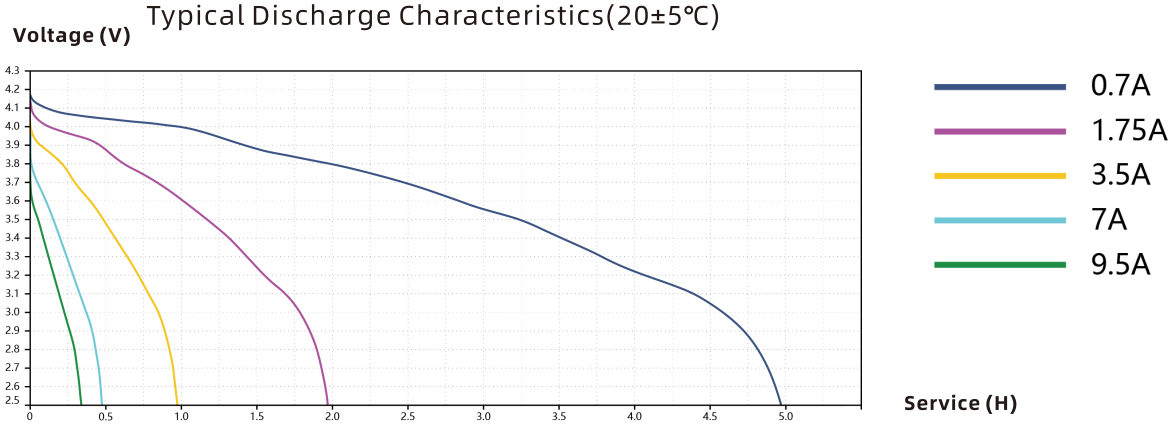
Discharge Profile

Constant Current Discharge



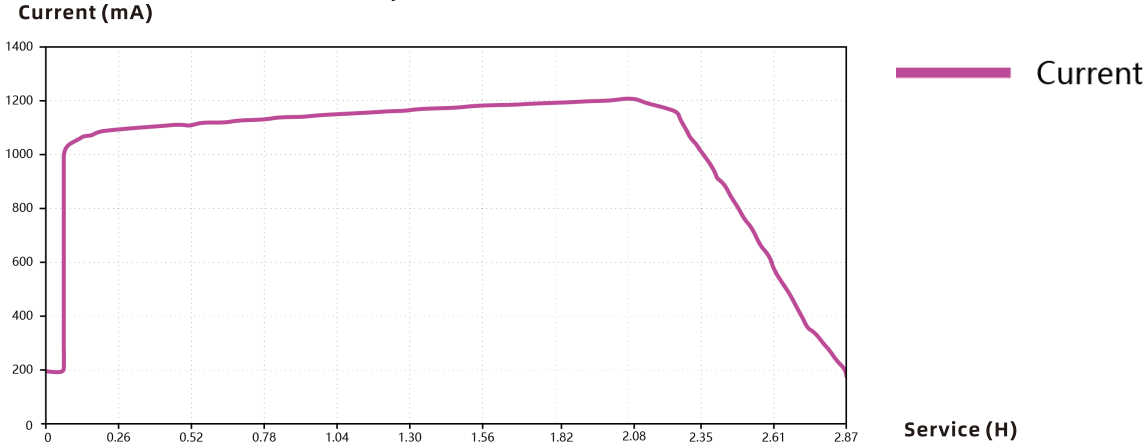
Constant Output Performance

Typical Discharge Characteristics(20±5℃)



Charging Current Diagram

By USB-C



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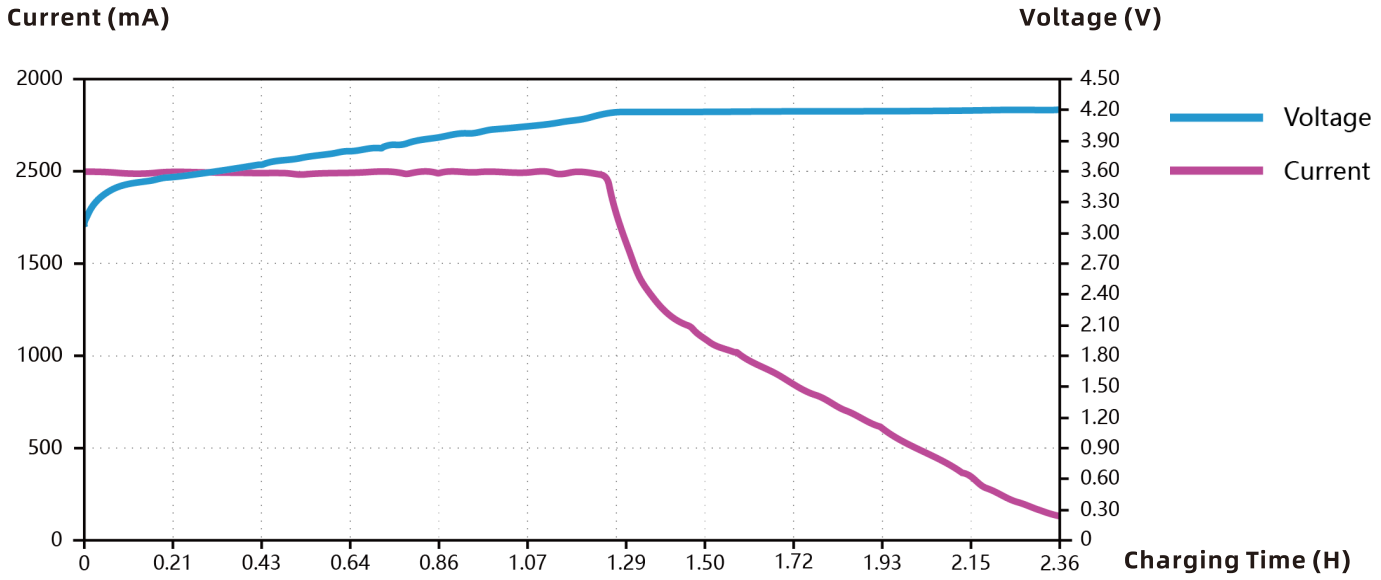
Charging Current Diagram

By XTAR VX4 charger



LED Indicator Status Table

Battery Status	LED Indicator Status
In the charging	LED lights red
Charge complete	LED lights green
In discharge	LED off

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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