

AXC

USA | 18650
Safety FIRST

ELECTROENERGY

Model: USA 18650 AXC

Cell Specifications

Nominal Capacity	2200 mAh
Nominal Voltage	3.7 V
Energy	8.1 Wh
Dimensions	
Diameter	18.4 mm
Height	65.0 mm
Weight	45 grams
Energy Density	
Volumetric	508 Wh/l
Gravimetric	180 Wh/kg

Operating Specifications

Operating Voltage	4.35 V to 2.75 V
Charge Voltage	4.35 V +/- 50 mV
Cutoff Voltage	2.75 V
Operating Temperature Range	
Discharge	-40° C to 65° C
Charge	0° C to 45° C
Maximum Continuous Discharge Current	5A
Maximum Charge Current	1 A
Internal Resistance	< 70 mΩ
Cycle Life	300+

Storage Specifications

Temperature Range	-30° C to 25° C
Recommended Voltage Range	4.2 V to 3.0 V

65.0 mm



Features

- Higher Energy Density – Longer Run Time
- High Specific Energy – Lighter
- Fast Charge Capability
- Wide Temperature Range of Operation
- Increased Safety Features – PTC & CID
PTC (Positive Thermal Coefficient) and CID (Current Interrupt Device) are safety features incorporated into the cells, activated during high temperature and pressure conditions.



4 mm

Made in USA

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