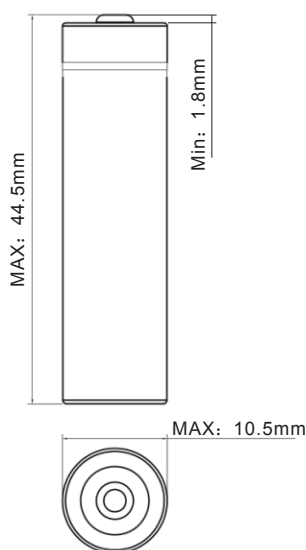


J816

Technical Datasheet



Features

- Common sizes
- High energy density
- Wide operating temperature range
- Lightweight
- Can be assembled into packs

Applications

- Portable electronics
- Medical equipment
- Tracking applications
- Flashlight
- Smart door lock
- Wireless mouse and keyboard
- Instrument and meter
- Camera

Technical Specifications

Part No.	J816
Input	5.0V
Output	1.5V (Can be used in series)
Typical Capacity	1100mWh @ C/5 Rate @ 23° C
Min Capacity	950 mWh@ C/5 Rate @ 23° C
Max. Discharge	2000mA continuous
Energy	1100mWh
Weight	11g
Cycle Life	> 500 cycles @ C/5 to 80% of initial capacity
Memory	No Memory Effect
Operating Temperature	Discharge temperature -20°C to 60°C Charging temperature 5°C to 45°C
Storage Temperature	-20°C to 45°C
Self-Discharge	< 5% per month
Exterior/Housing	PET Shrink Wrap
Maximum charging current	300mA
Charging indicator	Charging LED blue, Full Charged no indicator
1.1V voltage output function	When the cell voltage is lower than 3.2V, the output voltage is changed to 1.1V
Maximum discharge current	2.2A
No load current consumption	20uA
Discharge efficiency	93%
Built in undervoltage protection function	Y
Built in short circuit protection function	Y
Storage	Store at 80% capacity. Every 12 months, cycle (full charge / full discharge) and charge the battery back to 80% before placing it back into storage.
Warning	To prevent injury or burns, do not disassemble, crush, short circuit, overheat or dispose of in fire.
Note	A complete description of transportation regulations, lithium weights and transportation classifications is available on the Hixon website. please charge it in time after use
Transportation	Excepted from regulations for packages with gross mass of 10kg or less (see note)

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