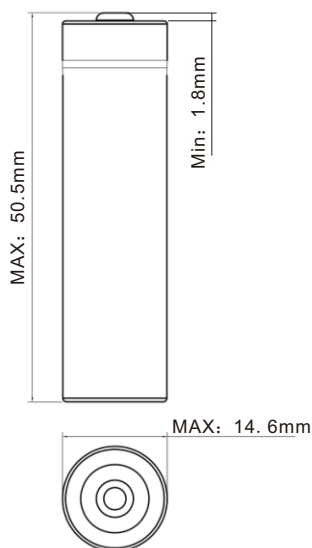


J818I

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
- Camera

Technical Specifications

Part No.	J818I
Input	5.0V
Output	1.5V (Can be used in series)
Capacity	3500mWh @ C/5 Rate @ 23°C
Max. Discharge	2000mA continuous
Energy	3500mWh
Weight	20.5g
Cycle Life	> 300 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	< 10% per month
Exterior/Housing	PET Shrink Wrap
Maximum charging current	500mA
Charging indicator	Charging LED blue, Full Charged no indicator
Maximum discharge current	3A
No load current consumption	80uA
Discharge efficiency	93%
Built in undervoltage protection function	Y
Built in short circuit protection function	Y
Storage	Store at 50% capacity. Every 4-6 months, cycle (full charge / full discharge) and charge the battery back to 50% 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.
Transportation	Excepted from regulations for packages with gross mass of 10kg or less (see note)

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