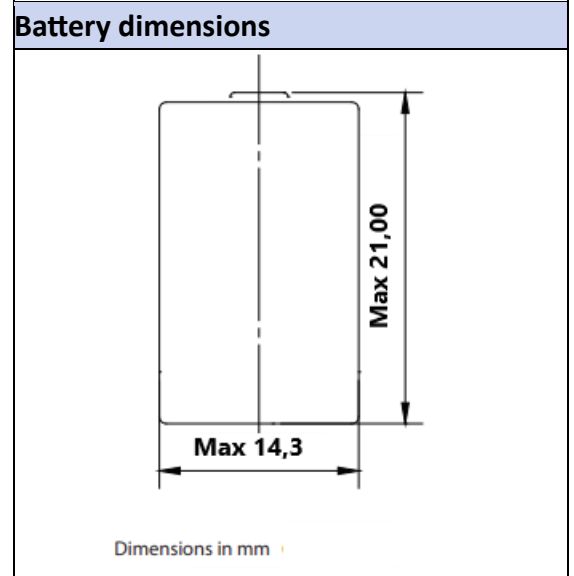


Lithium Ion Battery

Primary characteristics		
Parameter	Value	Unit
Nominal voltage	3.7	V
Rated capacity	100	mAh

Scope

The purpose of this product specification is to provide technical information for the lithium battery LIB1520. The test shall be conducted in strict accordance with the method specified in this specification. If you have any objection to the test items or test methods, please contact Akyga battery.



Specification table		
Parameter	Value	Unit
Battery model	LIB1520	
Nominal voltage	3.7	V
Discharge Cut-off Voltage	2.5	V
Charge Cut-off Voltage	4.2	V
Nominal capacity	100	mAh
Maximum Continuous Discharge Current	1	C
Maximum Pulse Discharge Current	2	C
Internal Resistance(1kHz@RT)	≤150	mΩ
Maximum Charge Current	1	C
Operating temperature	Charge Temperature -0~+60 Discharge Temperature -20~+60	°C
Cycle life (0.2 100% DOD)	≥500	
Storage Environment (Recommended)	25±3°C 65±20% RH	
Notes:		

Advantage

- High Reliability, High Weather Resistance
- High Current Pulse Discharge Capability (maximum pulse discharge current can reach 5A)
- High Power, High Energy
- Low Self Discharge
- Wide Temperature Range For Use(-20°C~+60°C)

Application

- Portable Medical Equipment
- TCU/T-Box Remote Information Control Unit
- Smart Metering
- Intelligent Metering
- RF System
- Intelligence Sensor
- Security System
- Communication Equipment

Declaration

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