

Lithium Ion Battery

Primary characteristics		
Parameter	Value	Unit
Nominal voltage	3.7	V
Nominal capacity	1000	mAh

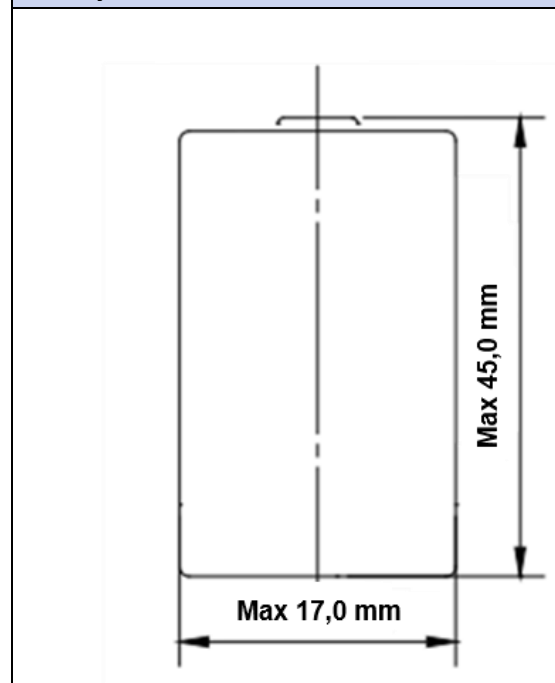
Scope

The purpose of this product specification is to provide technical information for the lithium battery LIB17450.

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.

Battery dimensions



Specification table		
Parameter	Value	Unit
Battery model	LIB17450	
Nominal voltage	3.7	V
Discharge Cut-off Voltage	2.5	V
Charge Cut-off Voltage	4.2	V
Nominal capacity	1000	mAh
Maximum Continuous Discharge Current	1	C
Maximum Pulse Discharge Current	8	C
Internal Resistance(1kHz@RT)	≤100	mΩ
Maximum Charge Current	1	C
Operating temperature	Charge Temperature 0~+45 Discharge Temperature -20~+60	°C
Cycle life (0.2 100% DOD)	≥800	
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 8A)
- High Power, High Energy
- Low Self Discharge
- Long Cycle Life
- 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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