

Primary Lithium Battery Technology Specification

Customer		
Part name	Primary Lithium Battery	
Model No	ER14505 12Ah 3.6V	
Part No	ER14505-1S5P	
Date	26.09.2021	

akyga

Specification Approval sheet

1.Scope

This specification is applied to the reference battery.

2.Product Specification (23±2°C)

No.	Item	General Parameter	Remark
1	Nominal Capacity	12Ah	Discharge at 2mA to 2.0V
2	Rated Voltage	3.6V	Mean Operation Voltage
3	Max Constant Discharge Current	100mA	_
4	Max Pulse Discharge Current	200mA	
6	Operating temperature range	-55∼85℃	_
7		S :Standard Terminations	Special Termination are avaliable upon request
	Avaliable Terminations	T: Solder Tabs	
		P :Axial Pins	

3. Benefits

- High energy density, High voltage, stable during most of the application's lifetime
- Wide range of operating temperature
- Long self-dischager rate (≤1% per year during Storage)
- Long storage life (10 years under room temperature)

4. Main application

- Intelligent instrument and meter
- Memory and standby power, Alarms and security devices
- Automotive electronics, Electronic toll collection
- Millitary devices



Specification Approval sheet

5. Warning

- Fire, explosion and burn hazard.
- Do not recharge, short circuit, crush, disassemble, heat above 100°C incinerate.
- Do not use the battery beyond the permitted temperature range.

6. Dimension:

