
PKCELL ER10450 AAA 3.6V 800mAh LI-SOCL2 Battery Manufacturer

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Typical Applications:

Alarms and security systems, [GPS](#), metering systems, memory back up, tracking system and GSM communication, Aerospace, Defence, Military, Power Management, Portable Devices, Consumer Electronics, Real-time clock, Tracking system, Utility metering, etc.

Specifications:

Model name: ER10450

Size: CC, $\Phi 10.5\text{mm} \times 45.0\text{mm}$ (Max)

Nominal capacity: 1000mAh(1Ah)

Nominal voltage: 3.6V

Open circuit voltage: 3.66V

Cut-off Voltage: 2.0V

Operating temperature range: -55°C to 85°C

Max Continuous Discharge current: 10mA

Max Pulse Discharge current: 20mA

Standard Current :1.0mA

Typical weight: 9g

Typical Shelf life: 10 years

Available Terminations: 1) Standard terminations 2) Solder tabs 3) Axial Pins 4) or special requirement (wire, connectors, etc)

Features:

1) High Energy density, High voltage, stable during most of the application's lifetime

- 2) Wide range of operating temperature
- 3) Long self-discharge rate (≤ 1% per year during Storage)
- 4) Long storage life (10 years under room temperature)
- 5) Hermetic glass-to-metal sealing
- 6) Non-flammable electrolyte
- 7) Meet IEC86-4 safety standard
- 8) Safe to export MSDS, UN38.3 cert. available

Storage condition:

clean, cool (preferably below +20°C, not exceeding +30°C), dry and ventilated.

Warning:

- 1)These are non rechargeable batteries.
- 2)Fire, explosion and burn hazard.
- 3)Do not recharge, short circuit,crush, disassemble, heat above 100°C incinerate.
- 4)Do not use the battery beyond the permitted temperate range.

Li-SOCl ₂ (Energy Type)							
Model IEC		Nominal Voltage(V)	Dimensions (mm)	Nominal Capacity (mAh)	Standard Current (mA)	Max Continuous Discharge Current (mA)	M
ER10450	AAA	3.6	10.0×45.0	800	1.00	10	
ER14250	1/2AA	3.6	14.5×25.0	1200	0.50	50	
ER14335	2/3AA	3.6	14.5×33.5	1650	0.70	50	
ER14505	AA	3.6	14.5×50.5	2400	1.00	100	
ER17335		3.6	17×33.5	2100	1.00	50	
ER17505		3.6	17×50.5	3400	1.00	100	
ER18505	A	3.6	18.5×50.5	4000	1.00	100	
ER26500	C	3.6	26.2×50.5	8500	2.00	200	
ER34615	D	3.6	34.2×61.5	19000	3.00	200	
ER9V	9V	10.8	48.8×17.8×7.5	1200	1.00	50	
ER261020		3.6	26.5×105	16000	3.00	200	

ER341245		3.6	34×124.5	35000	5.00	400	
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Product

link :

<https://www.pkcellpower.com/pkcell-lisocl2-battery-er10450-3-6v-800mah-lithium-aaa-battery-for-gps-tracker-product/>