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## PKCELL ER14505M AA 3.6V 1800mAh 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: [ER14505M](#)

Size: AA,  $\Phi 14.5\text{mm} \times 50.5\text{mm}$  (Max)

Nominal capacity: 1800mAh (1.8Ah)

Nominal voltage: 3.6V

Operating temperature range:  $-55^{\circ}\text{C}$  to  $85^{\circ}\text{C}$

Max Continuous Discharge current: 500mA

Max Pulse Discharge current: 1000mA

Cut-off Voltage: 2.0V

Typical weight: 19g

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 ( $\leq 1\%$  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  $+20^{\circ}\text{C}$ , not exceeding  $+30^{\circ}\text{C}$ ), 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  $100^{\circ}\text{C}$  incinerate.

4)Do not use the battery beyond the permitted temperate range.

Li-SOCl <sub>2</sub> (Power Type)							
Model IEC		Nominal Voltage(V)	Dimensions (mm)	Nominal Capacity (mAh)	Standard Current (mA)	Max Continuous Discharge Current (mA)	
ER14250M	1/2AA	3.6	14.4×25.0	750	0.50	100	
ER14335M	2/3AA	3.6	14.4×29.0	1200	0.70	200	
ER14505M	AA	3.6	14.5×50.5	1800	1.00	400	
ER17335M		3.6	17.0×33.5	1700	1.00	500	
ER17505M		3.6v	17.5×50.5	2800	1.00	500	
ER18505M	A	3.6	18.5×50.5	3200	1.00	600	
ER26500M	C	3.6	26.2×50.5	6500	2.00	1000	
ER34615M	D	3.6	34.2×61.5	14000	10.00	2000	

Product

link :

<https://www.pkcellpower.com/pkcell-3-6v-li-socl2-aa-1800mah-er14505m-lithium-batteries-battery-for-water-gas-meter-product/>