

Li-SOCL₂ Battery

Li/SOCl₂ batteries employ Li as cathode, SOCl₂ as anode and electrolyte, which is sealed by welding stainless steel can and cap.

Li/SOCl₂ batteries can be produced in bobbin type or spiral type. The bobbin type batteries are fit for small current discharge. This type of battery is very safe for use.

Spiral type batteries can export larger current. When using this type of battery, please act strictly according to stipulations and be careful during the storage, shipping and use.

Application

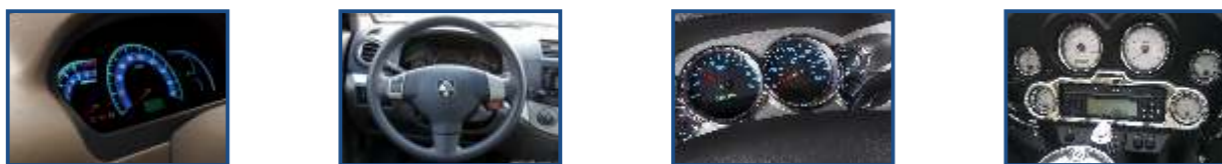
1. Water meter, Gas meter, Ammeter
2. Memory power for many instrument and meter equipment

Characteristics

1. High-voltage (3.6V)
2. The specific energy (500wh/kg) and energy density (1000wh/dm³) are very high
3. The discharge voltage is very stable
4. Wide working temperature range (-55~150°C)
5. Self-discharge is very low, the shelf-life can be more than 10 years.

Caution

Fire, explosion, and severe burn hazard.
Do not recharge, short circuit, crush, over-discharge, disassemble, heat above 212°F (100°C) or incinerate.
Dispose of used batteries promptly.



Li-SOCl₂(Energy Type)



Model		Nominal Voltage (V)	Dimensions Diameter*Height (MM)	Discharge Characteristics(23°C)				Cut-off Voltage (V)	Weight Approx (g)	Operating Temperature (°C)
GB	IEC			Nominal Capacity (mAh)	Standard Current (mA)	Max Discharge Current				
						Continuous (mA)	Pulse (mA)			
ER14250	1/2AA	3.6	14.5×25.0	1200	0.5	50.0	100	2.0	10	-55~+85
ER14335	2/3AA	3.6	14.5×33.5	1650	0.7	50.0	100	2.0	13	-55~+85
ER14505	AA	3.6	14.5×50.5	2400	1.0	100.0	200	2.0	19	-55~+85
ER17335		3.6	17×33.5	2100	1.0	50.0	200	2.0	30	-55~+85
ER17505		3.6	17×50.5	3400	1.0	100.0	200	2.0	32	-55~+85
ER18505	A	3.6	18.5×50.5	4000	1.0	100.0	200	2.0	32	-55~+85
ER26500	C	3.6	26.2×50.5	8500	2.0	200.0	400	2.0	55	-55~+85
ER10450	AAA	3.6	10.0×45.0	800	1.0	10.0	20	2.0	9	-55~+85
ER34615	D	3.6	34.2×61.5	19000	3.0	200.0	400	2.0	107	-55~+85
ER9V	9V	10.8	48.8×17.8×7.5	1200	1.0	50.0	100	2.0	16	-55~+85

Li-SOCl₂(Power Type)



Model		Nominal Voltage (V)	Dimensions Diameter*Height (MM)	Discharge Characteristics(23°C)				Cut-off Voltage (V)	Weight Approx (g)	Operating Temperature (°C)
GB	IEC			Nominal Capacity (mAh)	Standard Current (mA)	Max Discharge Current				
						Continuous (mA)	Pulse (mA)			
ER14250M	1/2AA	3.6	14.4×25.0	750	0.5	100.0	300	2.0	10	-55~+85
ER14335M	2/3AA	3.6	14.5×29.0	1200	0.7	200.0	400	2.0	13	-55~+85
ER14505M	AA	3.6	14.5×50.5	1800	1.0	400.0	800	2.0	19	-55~+85
ER17335M		3.6	17.0×33.5	1700	1.0	500.0	1000	2.0	20	-55~+85
ER17505M		3.6	17.5×50.5	2800	1.0	500.0	1000	2.0	29	-55~+85
ER18505M	A	3.6	18.5×50.5	3000	1.0	600.0	1000	2.0	32	-55~+85
ER26500M	C	3.6	26.2×50.5	6500	2.0	1000.0	1500	2.0	55	-55~+85
ER34615M	D	3.6	34.2×61.5	16500	10.0	2000.0	3000	2.0	106	-55~+85

Li-SOCl₂(High Temperature Type)



Model		Nominal Voltage (V)	Dimensions Diameter*Height (MM)	Discharge Characteristics(23°C)				Cut-off Voltage (V)	Weight Approx (g)	Operating Temperature (°C)
GB	IEC			Nominal Capacity (mAh)	Standard Current (mA)	Max Discharge Current				
						Continuous (mA)	Pulse (mA)			
ER14250S	1/2AA	3.6	14.5×25.0	550	0.05	50.0	100	2.0	10	-40~+150
ER14505S	AA	3.6	14.5×50.5	1600	0.1	100.0	200	2.0	19	-40~+150
ER18505S	A	3.6	18.5×50.5	3200	1.0	200.0	300	2.0	32	-40~+150
ER26500S	C	3.6	26.2×50.0	4100	0.1	100.0	200	2.0	55	-40~+150
ER34615S	D	3.6	34.2×61.5	10500	0.1	200.0	300	2.0	107	-40~+150