

Li-SOCl<sub>2</sub> Battery Pack

<p>APS Tech 36V</p>	<p>Battery Voltage: 36 Volts Battery Capacity: 28Ah Battery Ends: Top: 15 Pin Male MDM Floating Bottom: 15 Pin Male MDM Floating Temperature Range: 150°C – 180°C Dimension: Length 1443±2.0mm Diameter max. 37.2mm</p>	
<p>Tensor 29V</p>	<p>Battery Voltage: 29 Volts Battery Capacity: 28 Ah Battery Ends: Top: 6 Pin/4 Socket Kintec Bottom: 15 Pin Female MDM Non floating Temperature Range: 150°C – 200°C Dimension: Length 1140±2.0mm Diameter 37.5mm±1.0mm</p>	
<p>QDT Tensor 29V</p>	<p>Battery Voltage: 29 Volts Battery Capacity: 28 Ah Battery Ends: Top: 6 Pin/4 Socket Kintec Bottom: 15 Pin Female MDM Non floating Temperature Range: 150°C – 200°C Dimension: Length 1219.2±2.0mm Diameter 37.5mm±1.0mm</p>	

High Temperature Li-SOCl<sub>2</sub> Battery Manufacturer

*Powering Your Critical Oil & Gas Applications*

*Under Extreme Conditions*



◆ Customized battery pack can be made per your request.



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### Li-SOCl<sub>2</sub> Cell

Model	Rate Capability	Cell Size	Nominal Voltage (V)	Nominal Capacity (Ah)	Rated Current (mA)	Max. Current (mA)	Diameter (mm)	Height (mm)	Weight (g)	Working Temperature (°C)	Part Number
ER10450S	Low rate	AAA	3.6	0.7	15	25	10.8	46.0	10	-40~150	10-46-LR
ER14250S	High rate	1/2AA	3.6	0.8	20	40	14.5	25.0	10	-40~150	14-25-HR
ER14505S	High rate	AA	3.6	1.6	50	100	14.5	49.5	18	-40~150	14-50-HR
ER14505S-165	High rate	AA	3.6	1.6	50	100	14.5	50.5	18	-40~165	14-50-165-HR
ER14505S-200	High rate	AA	3.6	1.2	50	100	14.5	50.5	18	+70~200	14-50-200-HR
ER17335S	High rate	2/3A	3.6	1.6	50	100	16.8	32.8	20	-40~150	17-33-HR
ER17505S	High rate	A	3.6	2.5	50	100	16.8	49.5	25	-40~150	17-50-HR
ER17505S-165	High rate	A	3.6	2.5	50	100	16.8	49.5	25	-40~165	17-50-165-HR
ER18505S	High rate	A	3.6	3.0	50	100	18.0	50.0	30	-40~150	18-50-HR
ER17505S-165-2P	High rate	2A	3.6	5	150	300	17.5	102.0	50	-40~165	18-102-165-HR
ER26500S	High rate	C	3.6	6	100	200	24.5	48.5	50	-40~150	25-49-HR
ER26500S-165	High rate	C	3.6	5	100	200	24.5	50.0	50	-40~165	25-51-165-HR
ER26500S	High rate	C	3.6	6	230	450	25.4	50.5	60	-40~150	26-50-HR
ER32615S	High rate	D	3.6	12	500	1000	32.2	61.5	108	-40~150	32-61-HR
ER26760S	Moderate rate	3/2C	3.6	10.5	100	200	25.4	76.0	85	-40~150	26-76-MR
ER21102S	Moderate rate	Slim CC	3.6	9.5	150	300	20.6	98.0	75	-40~150	21-98-MR
ER21102S	Moderate rate	Slim CC	3.6	8.6	150	300	20.0	102.8	75	-40~150	20-102-MR
ER26102S	High rate	CC	3.6	11	350	700	24.5	102.8	105	-40~150	25-102-HR
ER26102S-165	High rate	CC	3.6	11	500	1000	25.4	102.8	105	-40~165	26-102-165-HR
ER26102S-180	Moderate rate	CC	3.6	11	200	400	25.4	102.8	105	+50~180	26-102-180-MR
ER321250S	Moderate rate	DD	3.6	28	600	1200	32.0	126.5	198	-40~150	32-127-MR
ER321250S	High rate	DD	3.6	28	500	2000	32.0	130.5	210	-40~150	32-130-HR
ER321250S	Moderate rate	DD	3.6	28	500	1200	32.7	126.5	205	-40~150	33-127-MR
ER321250S	High rate	DD	3.6	28	500	2000	32.7	130.5	210	-40~150	33-130-HR
ER321250S-180	Moderate rate	DD	3.6	24	320	500	32.7	130.5	210	+50~180	33-130-180-MR
ER3080S	High rate	3/2D	3.6	18	600	1500	30.0	78.0	125	-40~150	30-78-HR
ER30100S	High rate	5/3D	3.6	22	600	1500	30.0	98.0	150	-40~150	30-98-HR
ER49800S	Moderate rate	TSD/E	3.6	36	500	100	48.4	80.0	340	-40~150	48-80-MR

### Our Mission

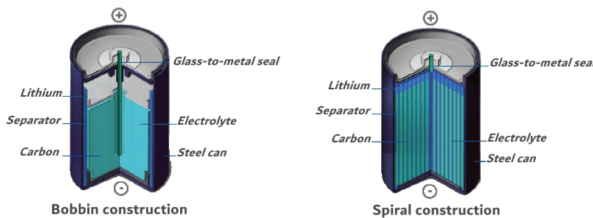
Oil & Gas downhole drilling and exploration go through harsh environment with extreme heat and pressure, pounding shock and vibration, while power interruption is not an option - operational downtime can cost millions of dollars and can be fatal.

Akku Tronics's safe and reliable lithium battery deliver high performance for your critical applications under harsh conditions.

### Our Core Competencies

1. 20 years of lithium battery research and development experiences
2. Carefully select the best raw materials
3. Quality & Reliability
4. Technological Innovation
5. Culture of Continuous Improvement
6. Safety & Compliance
7. 15 years battery export experiences

### Cell Constructions



**Bobbin Construction** higher capacity for low current application

**Spiral Construction** higher power characteristic for medium and high current application

### Cell Chemistries



LiSOCl<sub>2</sub> chemistry suitable for most of the downhole application. Excellent performance at high temperatures

LiSO<sub>2</sub>Cl<sub>2</sub> chemistry best performance at moderate temperatures, higher current applications

### Main Features

- High temperature from 150°C to 200°C
- Low temperature high rate LiSO<sub>2</sub>Cl<sub>2</sub> battery
- Shock: 1,000G 0.5ms shocks in X, Y, Z axis at 150°C for 10 shocks
- Vibration: 40GRMS vibration at 150°C
- Non-bulge design
- Integrated safety fuse and parallel diode

### Electrical Performances

