

# Primary high temperature lithium battery

## SLB Battery Pack

28V Primary High-Temperature (Li-SOCL<sub>2</sub>)  
SLB Battery Pack for operation up to 180°C

### Key features

Primary chemistry (non-rechargeable)

- High rate
- Hermetic glass-to-metal sealing engineered for leak free operation
- Sturdy and pressure resistant 304 stainless steel envelope
- Ability to withstand extreme shocks and vibration
- Non-bulge design feature
- Internal safety fuse and parallel diode
- Smart Chip prevents any cell be over discharged under 2.0V
- UN38.3 certified

### Main applications

- MWD, LWD, Oil Well Instrumentation
- Well logging, Inclination and other instruments
- Coalbed methane, Geothermal, Geophysical prospecting

### Cell size references

Battery Type	Li/SOCL <sub>2</sub>
Open Circuit Voltage	28V
Nominal Capacity	29.0Ah
Max Pulser Current	3000mA
Operating temperature range	-40°C - 150°C/165°C/180°C
Cell Type	DD
Cells Qty	8
External Fuse Replaceable	3 Amp Fast Blow
SmartChip & Cell Phone APP	Optional
Self Discharge*	1% per year
Dimensions	Ø37mm*1382mm
Weight	2.78kg



### Reference

Gaobite is the high-temperature battery brand belongs to Jinhengyuan Electronic Technology Co., Ltd. Information in this document is subject to change without notice and becomes contractual only after written confirmation by Gaobite. The information on this data-sheet is for marketing purposes only. Please consult with Gaobite for more information regarding how our cells will perform within your application. The information in this document is subject to change without notice and does not constitute a warranty of performance. The length dimension was unsleeved. The use of terminations will impact overall cell length. Diameter measurements Does not include label or shrink. The "Main Application" list does not include all potential applications, please consult Gaobite for your application needs.

**Gaobite**

**Specialty High Temperature Battery**

No.7 Liangtian South Hengyi Road

Baiyun, Guangzhou, China

Tel:0086 13925299346

0086 13682536668

[www.gaobitebattery.com](http://www.gaobitebattery.com)

