

# LIRDD-5-1-SC-BC | Battery Cell

ENGINEERED POWER, BATTERY DATA SHEET

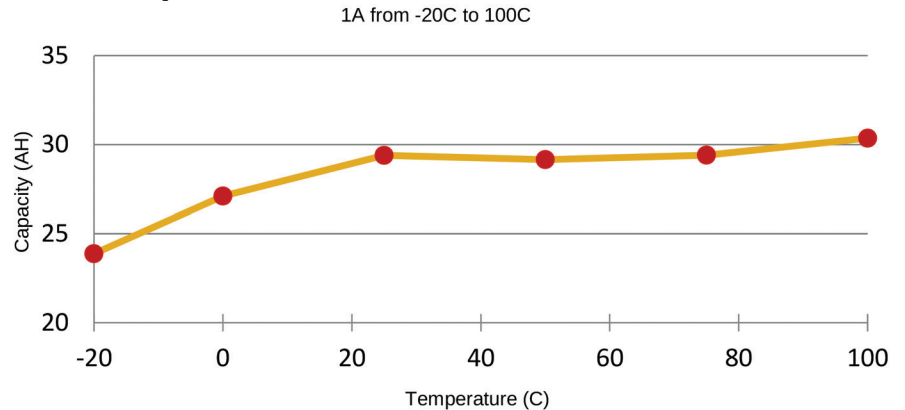


Hermetically Sealed · High Quality · Reliable & Safe

Serviceability is part of our promise. Engineered Power's global network of engineers provides localized expert design, experienced service knowledge, and timely product delivery where you want it and when you need it.

## Battery Features

- primary
- lithium sulfuryl chloride
- gallium electrolyte
- high energy
- moderate temperature
- high rate



## Technical Data

Capacity:  
30 AH @ 500mA Nominal

Voltage:  
3.93 V OCV  
3.86 V CCV – 500 mA, 100°C

Constant Current Capability:  
1,000 mA Nominal  
2,000 mA Max

Operating Temperature:  
-40°F to +212°F  
-40°C to +100°C

## Physical Data

Diameter:  
1.30 inch ± 0.010 (33.3 mm)

Height:  
4.41 inch ± 0.050 (112 mm)

Weight:  
7.4 ounces (210 grams ± 5)

## Shock & Vibration Data

UN/DOT Pending

Shock Test:  
1,000G 0.5 ms shocks in X,Y,Z axis at 100°C for 10 shocks

Vibration Test:  
20GRMS SINE &  
30GRMS random vibration at 100°C

## Suitable Applications

Pipeline inspection gauges (PIG), military equipment, surface instruments, oceanographic applications.

*Minimize Your Risk and Maximize Your Power!*

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