

# LXRDD-5-1-SC | Battery Cell

ENGINEERED POWER, BATTERY DATA SHEET

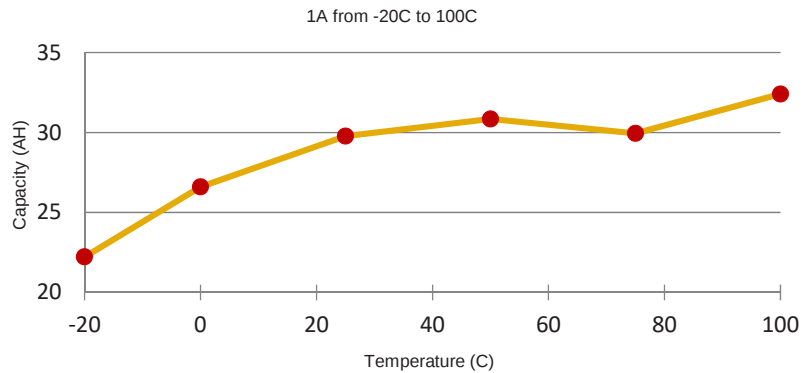


DOT Tested · Hermetically Sealed · High Quality · Reliable & Safe

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
- custom terminations



## Technical Data

Capacity:  
32 AH @ 1000 mA Nominal

Voltage:  
3.93 V OCV  
3.80 V CCV - 1000 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 Certified

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

Vibration Test:  
20GRMS SINE & 30GRMS random vibration

## Suitable Applications

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

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