

# LIRDD-180LTS | Battery Cell

ENGINEERED POWER, BATTERY DATA SHEET



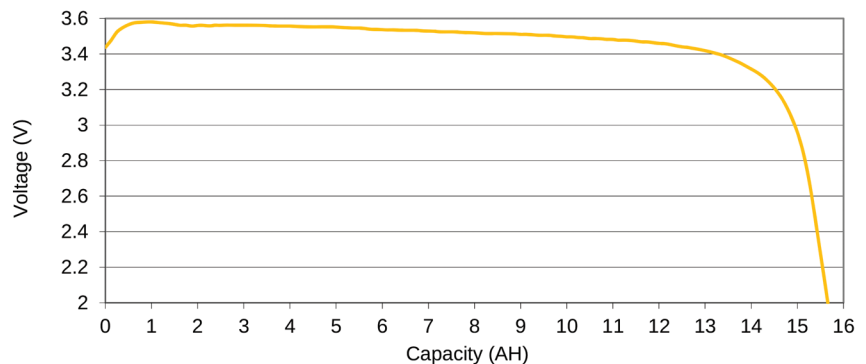
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## Battery Features

- primary
- improved low temperature start-up
- lithium thionyl chloride
- high energy
- extreme temperature
- high rate
- custom terminations

750 mA discharged at 180°C



## Technical Data

Capacity:  
15.2 AH Nominal

Voltage:  
3.67 V OCV  
3.59 V CCV - 750 mA, 180 °C

Constant Current Capability:  
750 mA Nominal  
1500 mA Max

Operating Temperature:  
-40°F to +356°F  
-40°C to +180°C

## Physical Data

Diameter:  
1.25 inch  $\pm$  0.010 (31.8 mm)

Height:  
5.03 inch  $\pm$  0.050 (127.8 mm)

Weight:  
6.5 ounces (185 grams  $\pm$  5)

## Suitable Applications

Measurement while drilling (MWD), logging while drilling (LWD), oil well instrumentation, high shock & vibration application.

## Shock & Vibration Data

UN/DOT Certified

Shock Test:  
1,000G 0.5 ms shocks in X,Y, Z axis at 150°C for 10 shocks

Vibration Test:  
40GRMS vibration at 150°C

Minimize Risk. Maximize Your Power.

Tel 403 235 2584  
info@engineeredpower.com

  
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Updated: May 2021