

# LIRDD-165HTS | Battery Cell

ENGINEERED POWER, BATTERY DATA SHEET

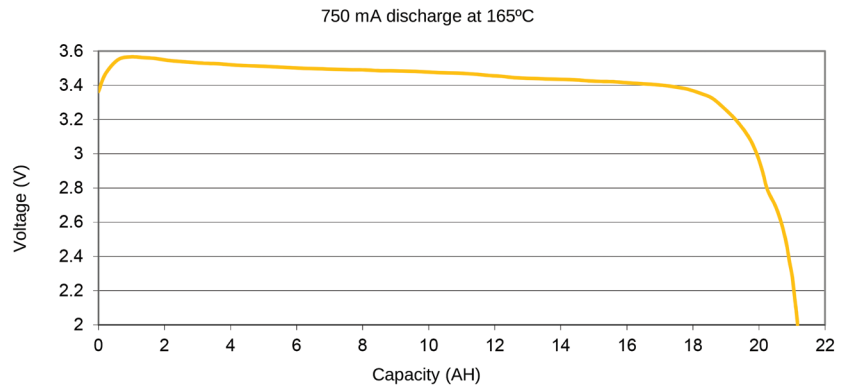


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## Battery Features

- primary
- lithium thionyl chloride
- high energy
- high temperature
- high rate
- custom terminations
- non-bulge design



## Technical Data

Capacity:  
21 AH Nominal

Voltage:  
3.67 V OCV  
3.55 V CCV - 750 mA, 165°C

Constant Current Capability:  
750 mA Nominal  
1500 mA Max

Operating Temperature:  
-40°F to +329°F  
-40°C to +165°C

## Physical Data

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

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

Weight:  
7.1 ounces (200 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.

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Updated: May 2021