

# LIRDD-180HTS | Battery Cell

ENGINEERED POWER, BATTERY DATA SHEET

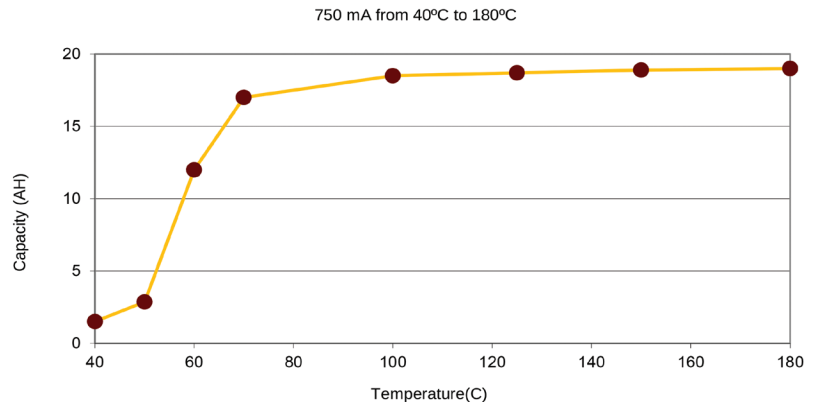


DOT Tested · Hermetically Sealed · High Quality · Reliable & Safe

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



## Technical Data

Capacity:  
19 AH Nominal

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

Constant Current Capability:  
750 mA Nominal  
1500 mA Max

Operating Temperature:  
+104°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:  
6.7 ounces (190 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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