

# LIR18MM-165HT | Battery Cell

ENGINEERED POWER, BATTERY DATA SHEET

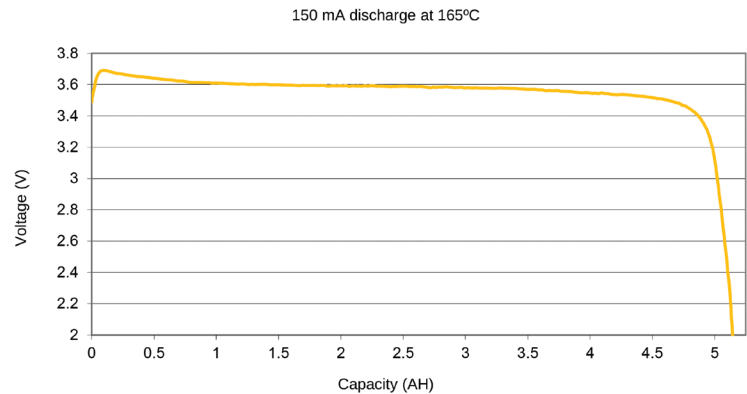


DOT Tested · Hermetically Sealed · High Quality · Reliable & Safe

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
- high temperature
- high rate
- custom terminations



## Technical Data

Capacity:  
5.0 AH Nominal

Voltage:  
3.67 V OCV  
3.45 V CCV - 150 mA, 165°C

Constant Current Capability:  
150 mA Nominal  
300 mA Max

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

## Physical Data

Diameter:  
0.67 inch  $\pm$  0.010 (17.0 mm)

Height:  
4.09 inch  $\pm$  0.050 (103.9 mm)

Weight:  
1.90 ounces (54 grams  $\pm$  3)

## 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 165°C for 10 shocks

Vibration Test:  
40GRMS vibration at 165°C

Minimize Risk. Maximize Your Power.

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