

# LXR3.3C-165HT-LM | Battery Cell

ENGINEERED POWER, BATTERY DATA SHEET

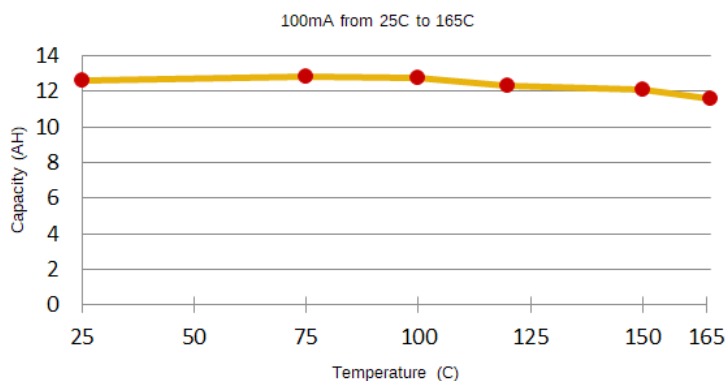


DOT Tested · Hermetically Sealed · High Quality · Reliable & Safe

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
- moderate high rate
- custom terminations
- low magnetic signature



## Technical Data

Capacity:  
12 AH Nominal

Voltage:  
3.67 V OCV  
3.61 V CCV - 100 mA, 165°C

Constant Current Capability:  
100 mA Nominal  
200 mA Max

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

## Physical Data

Diameter:  
0.99 inch  $\pm$  0.010 (25.1 mm)

Height:  
3.33 inch  $\pm$  0.050 (84.6 mm)

Weight:  
3.0 ounces (85 grams  $\pm$  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:  
40GRMS vibration

## Suitable Applications

Transceivers, sonobuoys, memory backup, oil well instrumentation, measurement while drilling (MWD), logging while drilling (LWD), high shock & vibration application.

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