

LXRE-HT-LM-BC | Battery Cell

ENGINEERED POWER, BATTERY DATA SHEET

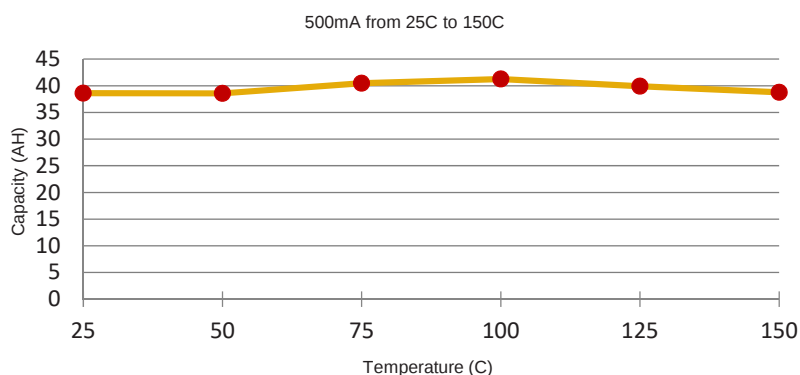


DOT Tested · Hermetically Sealed · High Quality · Reliable & Safe

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
- moderate temperature
- moderate high rate



Technical Data

Capacity:
38 AH Nominal

Voltage:
3.65 V OCV
3.40 V CCV – 500 mA, 150°C

Constant Current Capability:
500 mA Nominal
1000 mA Max

Operating Temperature:
32°F to 302°F
0°C to 150°C

Self Discharge Rate:
3-5 % at 25°C

Current Protection Devices:
Parallel diode and series 7A

Physical Data

Diameter:
1.875 inch (47.6 mm)

Height:
3.25 inch (82.5 mm)

Weight:
360 grams ± 5

Volume:
145cc

Lithium weight: 11.7g

Shock & Vibration Data

UN/DOT Certified

Shock Test:
250 Gpeak, 5 shocks,
1mSec., +ve only (XYZ
Axes)

Vibration Test:
Random: 20 Grms,
5-500 Hz, flat profile,
4hrs/Axes (XYZ Axes)

Suitable Applications

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

Minimize Risk. Maximize Your Power.

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