

LIRE-HT-LM | Battery Cell

ENGINEERED POWER, BATTERY DATA SHEET

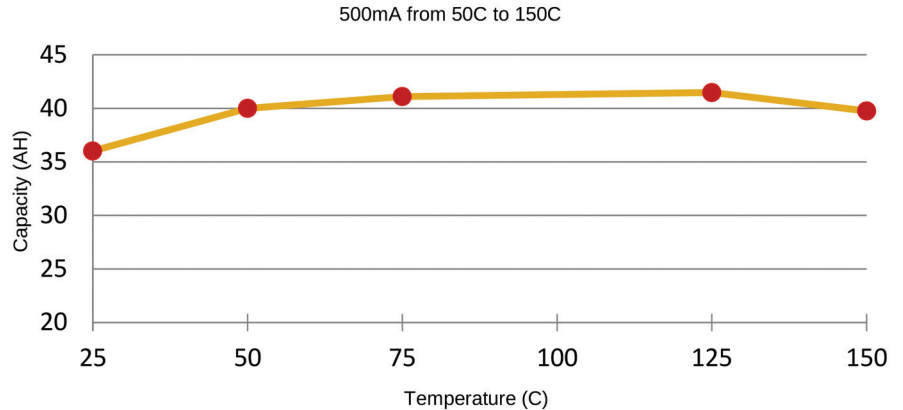


DOT Tested · Low Magnetic Signature · Hermetically Sealed · High Quality

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
- gallium based electrolyte
- high energy
- high temperature
- high rate
- custom terminations
- non-bulge design



Technical Data

Capacity:
40 AH Nominal

Voltage:
3.67 V OCV
3.47 V CCV - 500 mA, 150°C

Constant Current Capability:
500 mA Nominal
1000 mA Max

Operating Temperature:
-40°F to +302°F
-40°C to +150°C

Physical Data

Diameter:
1.88 inch ± 0.010 (47.8 mm)

Height:
3.15 inch ± 0.050 (80.0 mm)

Weight:
12.2 ounces (345 grams ± 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

Vibration Test:
20 GRMS in X,Y,Z axis for 2 hours

Minimize Risk. Maximize Your Power.

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