

LXRDD-HT | Battery Cell

ENGINEERED POWER, BATTERY DATA SHEET

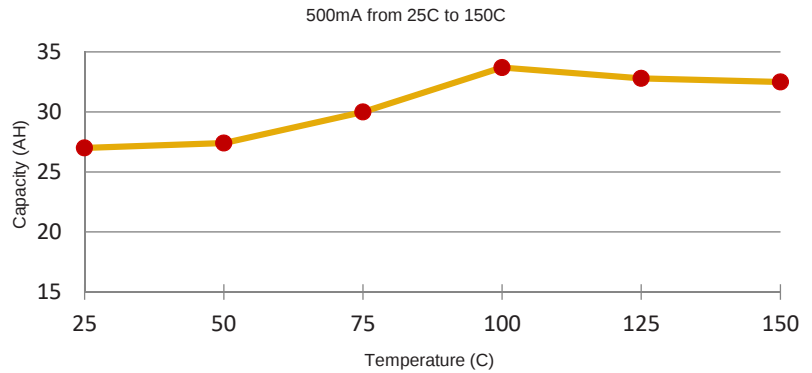


DOT Tested · Hermetically Sealed · High Quality · Reliable & Safe

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
- custom terminations



Technical Data

Capacity:
32.5 AH Nominal

Voltage:
3.67 V OCV
3.55 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:
1.25 inch ± 0.010 (31.8 mm)

Height:
4.97 inch ± 0.050 (126.2 mm)

Weight:
7.1 ounces (200 grams ± 5)

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

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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