

LMRDD-DA-100HT | Battery Cell

ENGINEERED POWER, BATTERY DATA SHEET

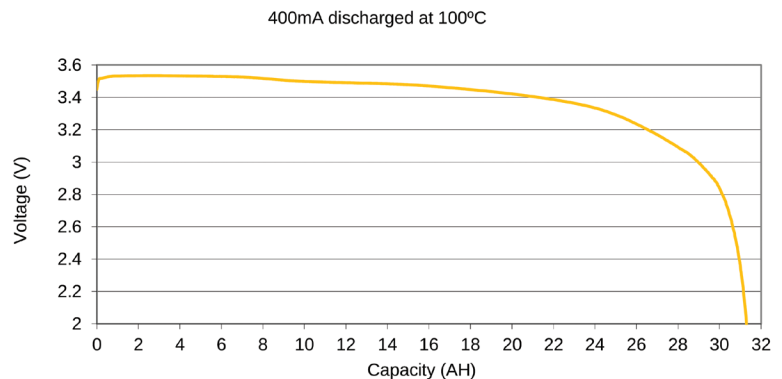


DOT Tested · Hermetically Sealed · High Quality · Reliable & Safe

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 rate
- custom terminations



Technical Data

Capacity:
30 AH Nominal

Voltage:
3.67 V OCV
3.53 V CCV - 400 mA, 100°C

Constant Current Capability:
400 mA Nominal
800 mA Max

Operating Temperature:
-40°F to +212°F
-40°C to +100°C

Physical Data

Diameter:
1.25 inch $\pm$ 0.010 (31.8 mm)

Height:
4.97 inch $\pm$ 0.050 (126.2 mm)

Weight:
6.5 ounces (185 grams $\pm$ 5)

Suitable Applications

Measurement while drilling (MWD),
logging while drilling (LWD), oil well
instrumentation.

Shock & Vibration Data

UN/DOT Certified

Shock Test:
1,000G 0.5 ms shocks in
X,Y, Z axis at 100°C for
10 shocks

Vibration Test:
40GRMS vibration at
100°C

Minimize Risk. Maximize Your Power.

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