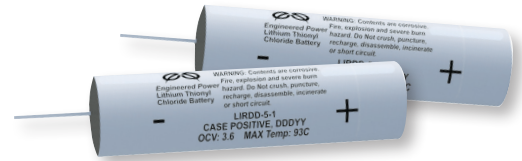


LIRDD-5-1 | Battery Cell

ENGINEERED POWER, BATTERY DATA SHEET



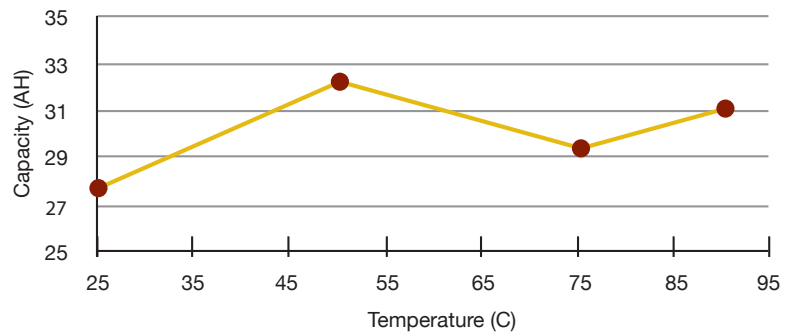
DOT Tested · Hermetically Sealed · High Quality · Reliable & Safe

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
- high rate
- custom terminations

1,000 mA from 25°C to 95°C



Technical Data

Capacity:
31 AH Nominal

Voltage:
3.67 V OCV
3.33 V CCV – 500mA, 25°C

Constant Current Capability:
1,000 mA Nominal
2,000 mA Max

Operating Temperature:
-40°F to +203°F
-40°C to +95°C

Physical Data

Diameter:
1.30 inch ± 0.010 (33.3 mm)

Height:
4.41 inch ± 0.050 (112 mm)

Weight:
7.4 ounces (210 grams ± 5)

Suitable Applications

Pipeline inspection gauges (PIG),
military equipment, surface instruments.

Shock & Vibration Data

UN/DOT Certified

Shock Test:
1,000G 0.5 ms shocks in
X,Y, Z axis at 95°C for
10 shocks

Vibration Test:
20GRMS SINE &
30GRMS random
vibration at 95°C

Minimize Your Risk and Maximize Your Power!



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