

LIRDD-100HTX | Battery Cell

ENGINEERED POWER, BATTERY DATA SHEET

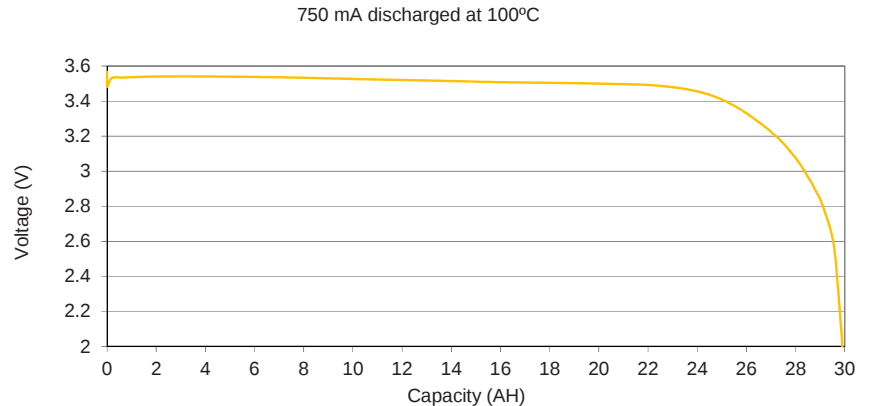


DOT Tested · Hermetically Sealed · High Quality · Reliable & Safe

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



Technical Data

Capacity:
29 AH Nominal

Voltage:
3.67 V OCV
3.54 V CCV - 750 mA, 100°C

Constant Current Capability:
750 mA Nominal
1500 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:
5.03 inch $\pm$ 0.050 (127.8 mm)

Weight:
7.7 ounces (219 grams $\pm$ 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 at 100°C for
10 shocks

Vibration Test:
40GRMS vibration at
100°C

Minimize Risk. Maximize Your Power.

Tel 403 235 2584
info@engineeredpower.com



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