

LIRDD-165ETR | Battery Cell

ENGINEERED POWER, BATTERY DATA SHEET

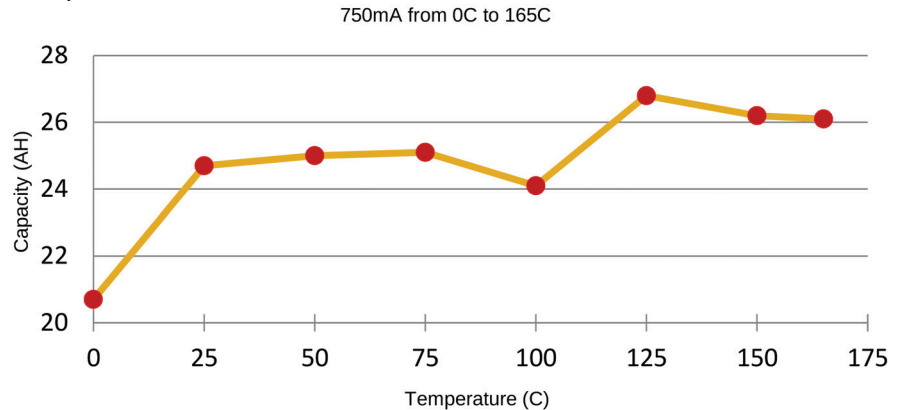


DOT Tested · Hermetically Sealed · High Quality · Reliable & Safe

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
- high temperature
- high rate
- custom terminations



Technical Data

Capacity:
26 AH Nominal

Voltage:
3.67 V OCV

Constant Current Capability:
750 mA Nominal
1500 mA Max

Pulse Capability:

4A pulse for 0.3 sec every 2
minutes at $\geq 75^{\circ}\text{C}$
maintains $> 3.0\text{V}$

Operating Temperature:
 -40°F to $+329^{\circ}\text{F}$
 -40°C to $+165^{\circ}\text{C}$

Physical Data

Diameter:
1.25 inch ± 0.010 (31.8 mm)

Height:
5.03 inch ± 0.050 (127.8 mm)

Weight:
7.0 ounces (198 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 for 10 shocks

Vibration Test:
40GRMS vibration

Minimize Risk. Maximize Your Power.

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