

LIRDD-HTX-SC | Battery Cell

ENGINEERED POWER, BATTERY DATA SHEET

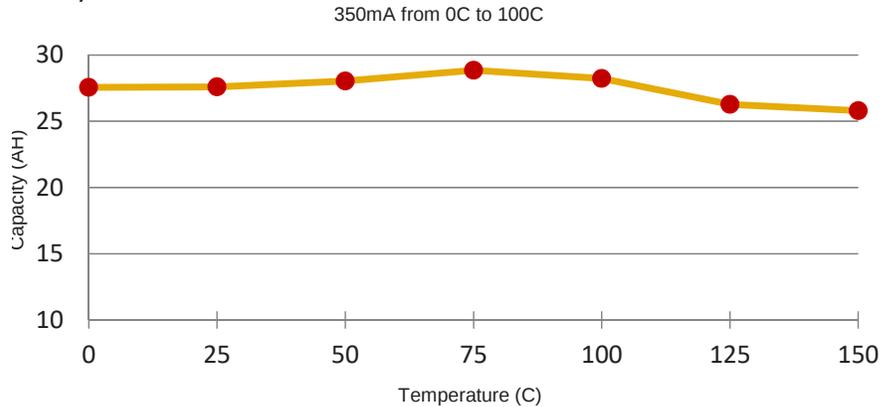


Hermetically Sealed · High Quality · Reliable & Safe

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 sulfuryl chloride
- gallium electrolyte
- high energy
- high temperature
- high rate
- custom terminations



Technical Data

Capacity:
25 AH @ 350mA, 150°C

Voltage:
3.93 V OCV
3.87 V CCV - 350 mA, 150°C

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

Operating Temperature:
-4°F to +302°F
-20°C to +150°C

Physical Data

Diameter:
1.25 inch ± 0.010 (31.8 mm)

Height:
5.03 inch ± 0.050 (127.8 mm)

Weight:
7.4 ounces (210 grams ± 5)

Suitable Applications

Transceivers, sonobuoys, memory backup, oil well instrumentation, measurement while drilling (MWD), logging while drilling (LWD), high shock & vibration application.

Shock & Vibration Data

Shock Test:
1,000G 0.5 ms shocks in X,Y,Z axis at 150°C for 10 shocks

Vibration Test:
20GRMS SINE & 30GRMS random vibration at 150°C

Minimize Risk. Maximize Your Power.

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