

LIRDD-CFXII | Battery Cell

ENGINEERED POWER, BATTERY DATA SHEET

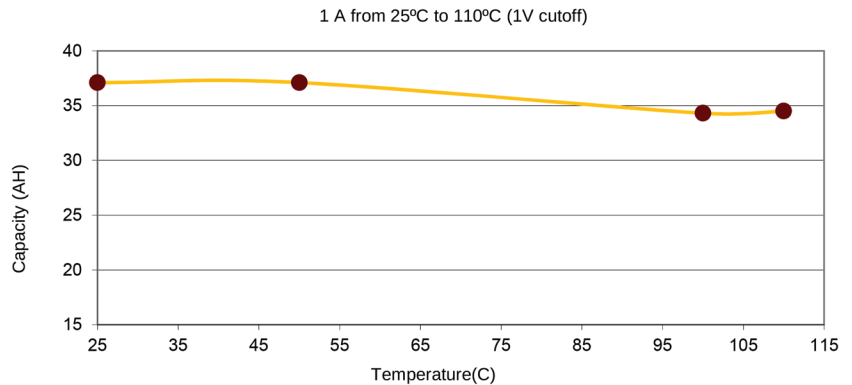


DOT Tested · Hermetically Sealed · High Quality · Reliable & Safe

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

- no passivation
- primary
- Lithium CFX
- non corrosive electrolyte
- high energy
- extreme safety
- low voltage cutoff, < 1.0 V
- moderate temperature
- extremely high rate
- custom terminations



Technical Data

Capacity:
34 AH Nominal
(32 AH @ 2V cutoff)

Voltage:
3.1 V OCV
3.0 V CCV – 1000 mA, 110°C

Constant Current Capability:
1000 mA Nominal, 2 A Max

Operating Temperature:
-40°F to +230°F
-40°C to +110°C

Physical Data

Diameter:
1.25 inch ± 0.010 (31.8 mm)

Height:
5.03 inch ± 0.050 (127.8 mm)

Weight:
7.8 ounces (222 grams ± 5)

Shock & Vibration Data

UN/DOT Certified

Shock Test:
1,000G 0.5 ms shocks in X, Y, Z axis at 110°C for 10 shocks

Vibration Test:
20GRMS SINE & 30GRMS random vibration at 110°C

Suitable Applications

Measurement while drilling (MWD), logging while drilling (LWD), pipeline inspection gauges (PIG), military equipment, surface instruments, high shock & vibration application.

Minimize Your Risk and Maximize Your Power!



ENGINEERED POWER

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