

LIRC-165HT | Battery Cell

ENGINEERED POWER, BATTERY DATA SHEET

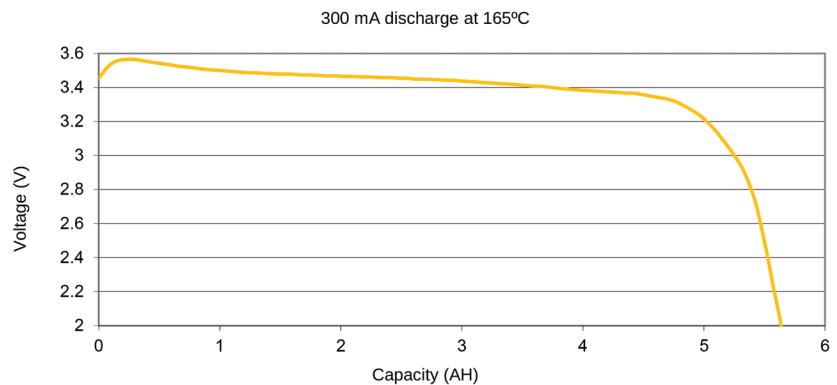


DOT Tested · Hermetically Sealed · High Quality · Reliable & Safe

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
- high temperature
- high rate
- custom terminations



Technical Data

Capacity:
5.5 AH Nominal

Voltage:
3.67 V OCV
3.45 V CCV - 300 mA, 165°C

Constant Current Capability:
300 mA Nominal
500 mA Max

Operating Temperature:
-40°F to +329°F
-40°C to +165°C

Physical Data

Diameter:
0.99 inch $\pm$ 0.010 (25.1 mm)

Height:
1.99 inch $\pm$ 0.050 (50.5 mm)

Weight:
1.95 ounces (55.0 grams $\pm$ 3)

Suitable Applications

Measurement while drilling (MWD),
downhole & pressure gauge ap-
plications, memory backup, high
shock & vibration application.

Shock & Vibration Data

UN/DOT Certified

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

Vibration Test:
40GRMS vibration at
150°C

Minimize Risk. Maximize Your Power.

Tel 403 235 2584
info@engineeredpower.com


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