

LIRC-5-1-SC | Battery Cell

ENGINEERED POWER, BATTERY DATA SHEET

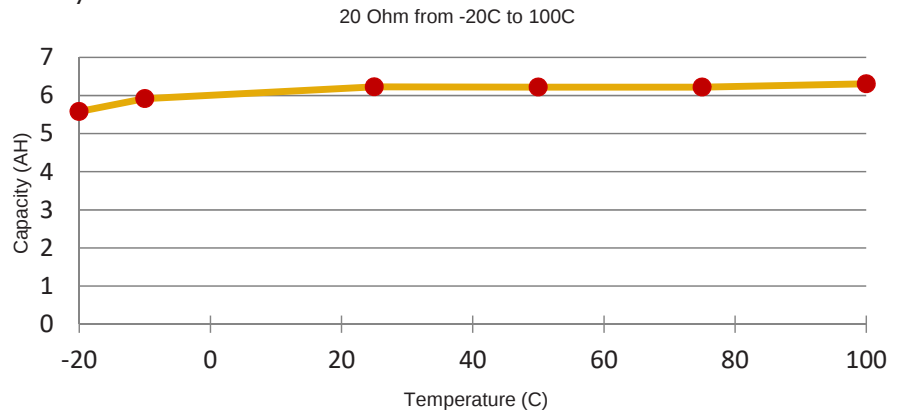


DOT Tested · Hermetically Sealed · High Quality · Reliable & Safe

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



Technical Data

Capacity:
6.2 AH @ 20Ω Nominal

Voltage:
3.93 V OCV
3.67 V CCV - 20Ω, 25°C

Constant Current Capability:
300 mA Nominal
600 mA Max

Operating Temperature:
-40°F to +212°F
-40°C to +100°C

Physical Data

Diameter:
0.99 inch ± 0.010 (25.1 mm)

Height:
1.84 inch ± 0.050 (46.7 mm)

Weight:
2.08 ounces (59.0 grams ± 3)

Suitable Applications

Pipeline inspection gauges (PIG),
military equipment, surface instruments,
oceanographic applications.

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:
20GRMS SINE & 30GRMS
random
vibration at 100°C

Minimize Risk. Maximize Your Power.

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