

QL0032A



PERFORMANCE

- Lithium ion rechargeable pouch cell
- Safe 100% spinel chemistry

MAIN APPLICATIONS

- Military
- Aerospace
- Commercial

KEY FEATURES

- High discharge rates up to 20C
- Ultra-high rate
- Extremely safe
- Non-toxic
- Light Weight

SPECIFICATIONS

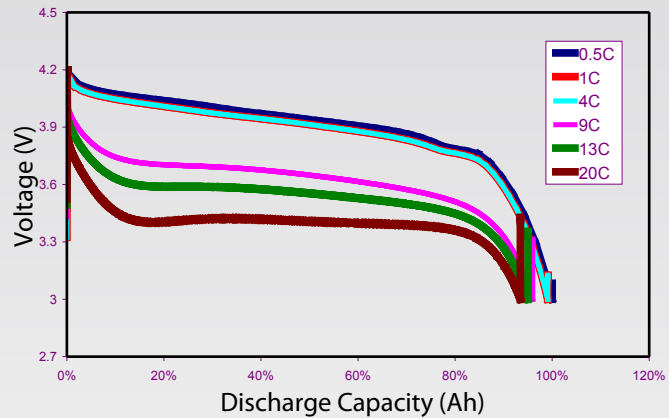
ELECTRICAL CHARACTERISTICS

| | |
|---------------------------------|---------------|
| Nominal Capacity | 3.15 Ah |
| Nominal Voltage | 3.7 V |
| Operating Discharge Temperature | -20°C to 45°C |

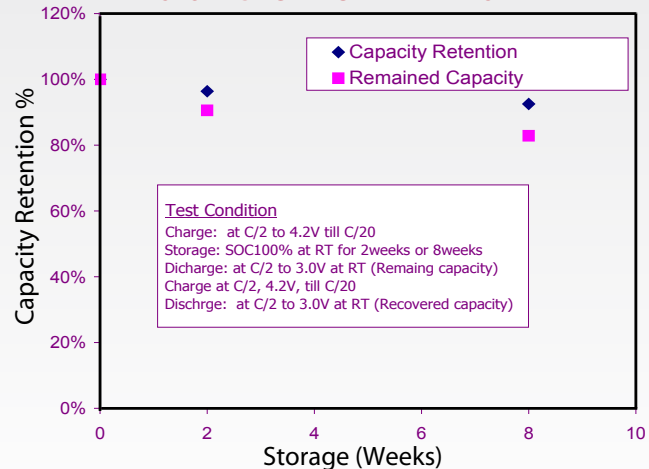
PHYSICAL CHARACTERISTICS

| | |
|-----------------------|------------|
| Width | 50 mm |
| Height | 120 mm |
| Thickness | 7.4 mm |
| Weight | 97 g |
| Weight Energy Density | 120 Wh/kg |
| Volume Energy Density | 260 Wh/L |
| Power Energy Density | >2000 W/kg |

CELL DISCHARGE CURVE AT DIFFERENT DISCHARGE RATES



STORAGE CAPACITY RETENTION



FOR MORE INFORMATION

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