

QL0045A



PERFORMANCE

- Lithium ion rechargeable pouch cell

CHEMISTRY

- LNMCO

MAIN APPLICATIONS

- Military - BB-2590 pack
- Aerospace

KEY FEATURES

- Greater than 200 wh/kg energy density
- High energy density
- Long calendar life
- High reliability
- Domestic production

SPECIFICATIONS

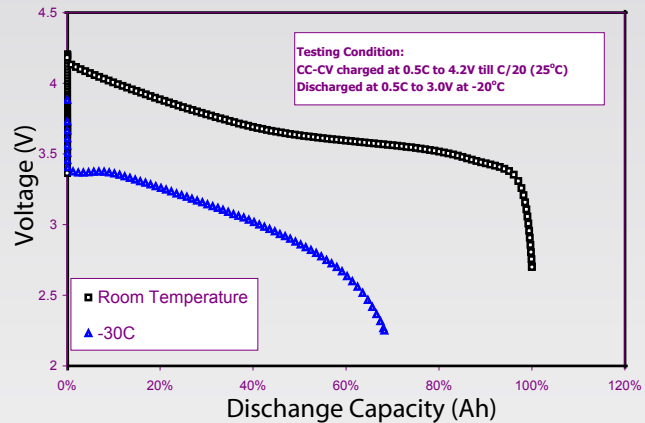
ELECTRICAL CHARACTERISTICS

Nominal Capacity	4.5 Ah
Nominal Voltage	3.6 V
Maximum Recommended Continuous Discharge Current	9 A
Operating Discharge Temperature	-20°C to 50°C

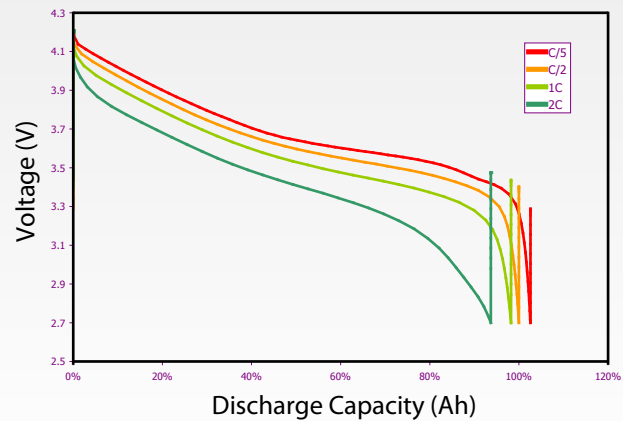
PHYSICAL CHARACTERISTICS

Width	50 mm
Height	105 mm
Thickness	7.1 mm
Weight	78 g
Volume	37.28 cc
Weight Energy Density	205 Wh/L

CELL DISCHARGE CURVE AT LOW TEMPERATURE



CELL DISCHARGE CURVE AT DIFFERENT DISCHARGE RATES



FOR MORE INFORMATION

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