

Specification Datasheet For

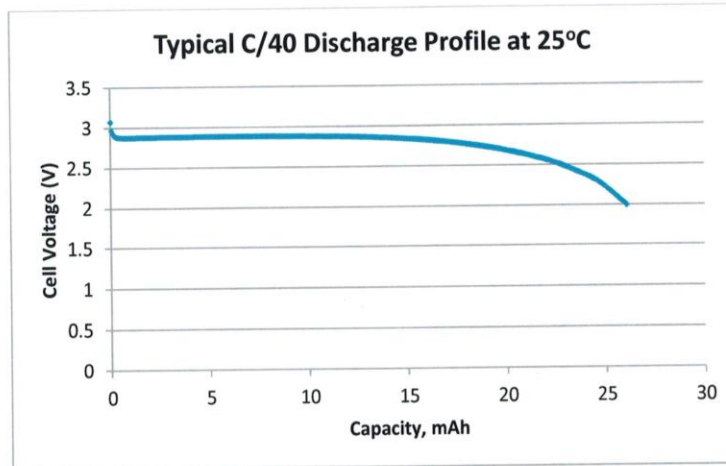
UT-4823-25mAh

November 2015

TECHNICAL PRODUCT DATA SHEET

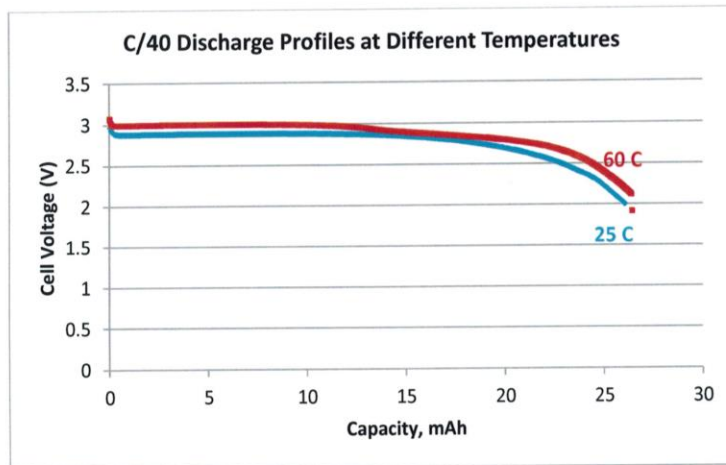
Technical Specifications and Performance	
System	Lithium Polymer
Cathode	Manganese Dioxide
Anode	Metallic Lithium
Nominal Voltage (OCV)	≥ 3.0 Volts
Nominal Capacity* (C/40 @ 25 °C)	+ No Upper Limit ≥ 25 mAh; - 10 % Lower Limit
Max. Cont. Discharge* (25 °C)	C/2 (12.5 mA)
Operating Temperatures*	-10 °C to 60 °C
Pulse Capabilities*	C/2 Pulse (1 Min. Pulse, 5 Min. Rest) Capable
Weight	≤ 0.650 g
Maximum Thickness	0.450 mm
Shelf Life*	< 0.5 % Per Month; Shelf Life Is 5 Years To 70% of Rated Capacity @ Room Temperature (RT)
Anode Tab / Cathode Tab	Nickel Plated Copper
Jacket	Flexible Aluminum Foil Packaging
<i>*Battery Performance Varies With Temperature</i>	

Nominal Discharge Profiles:



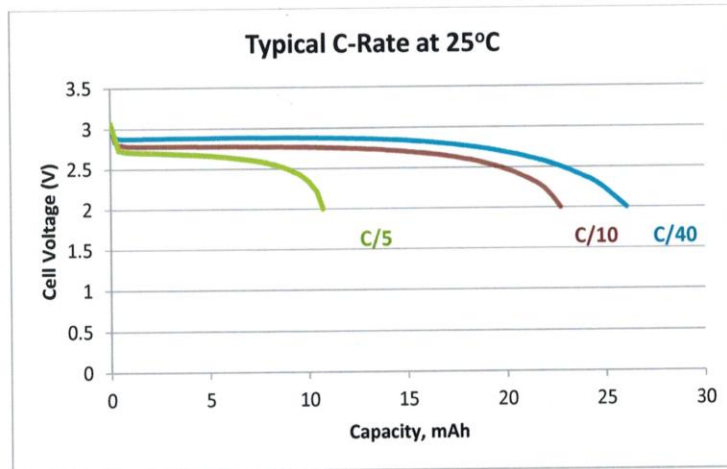
- Typical/Rated Voltage-Capacity Discharge Profile Of Cells
 - C/40 (0.625 mA) Constant Current Discharge At 25 °C To 2.0V Cut-Off

Effect Of Temperature On C/40 Discharge:



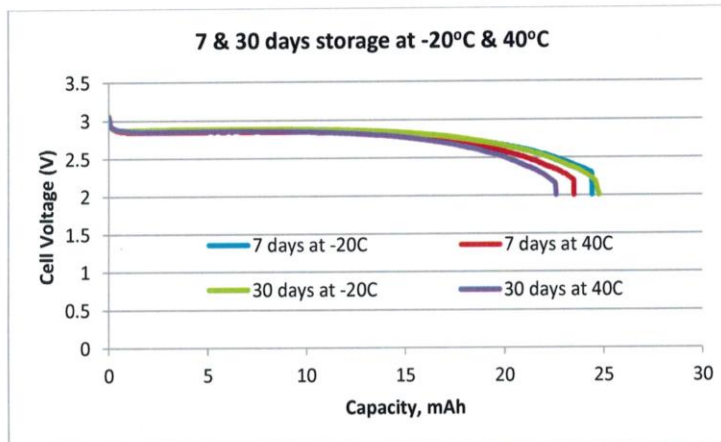
- Discharge Protocol: C/40 (Equivalently 0.625 mA) At 25 °C & 60 °C
- No Capacity Specifications For Temperatures Other Than At 25 °C. Temperature Profiles Are Typical.

Rate Capability At 25 °C:



- Discharge Protocol: Different Discharge Rates At The Same Temperature (25 °C)
- Specifications At C/40 (0.625 mA) Rate Only. Profiles At Other Rates Are Typical Minimum.
- Results Show That Cells Are Capable Of Operating At Different Discharge Rates

Effect Of Storage Temperature On C/40 Discharge:



- 7-Day Vs. 30-Day Storage Comparison Shows That Temperature Has Minimal Effect on Nominal Capacity Over Short Storage Periods - Less Capacity Loss At Lower Temperature Storage
- Lower Temperature Recommended For Extended Storage