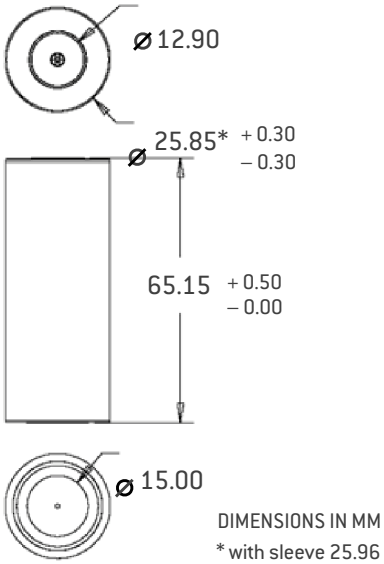
+ Nanophosphate® High Power Lithium Ion Cell
ANR26650*m1-A*

KEY FEATURES AND BENEFITS

- Excellent abuse tolerance and superior cycle life from A123's patented Nanophosphate® lithium ion chemistry
- High power with over 2,200 W/kg and 4,400 W/L
- High usable energy over a wide state of charge (SOC) range

ANR26650 Cell Specifications	
Cell Dimensions (mm)	ø26 x 65
Cell Weight (g)	72
Cell Capacity (nominal/minimum, Ah)	2.3/2.2
Voltage (nominal, V)	3.3
Internal Impedance (1kHz AC typical, mΩ)	8
Recommended Standard Charge Method	3A to 3.6V CCCV, 45 min
Recommeded Fast Charge Charge Current	10A to 3.6V CCCV, 15 min
Maximum Continuous Discharge (A)	70
Maximum Pulse Discharge (10 seconds, A)	120
Cycle Life at 10C Discharge, 100% DOD	>1,000 cycles
Operating Temperature	-30°C to 55°C
Storage Temperature	-40°C to 60°C



DIMENSIONS IN MM
* with sleeve 25.96 +/- 0.50 mm

APPLICATIONS

Transportation

Advanced energy storage for electric drive vehicles

Commercial

Enabling next-generation commercial products

Electric Grid

Dynamic energy solutions for a smarter grid

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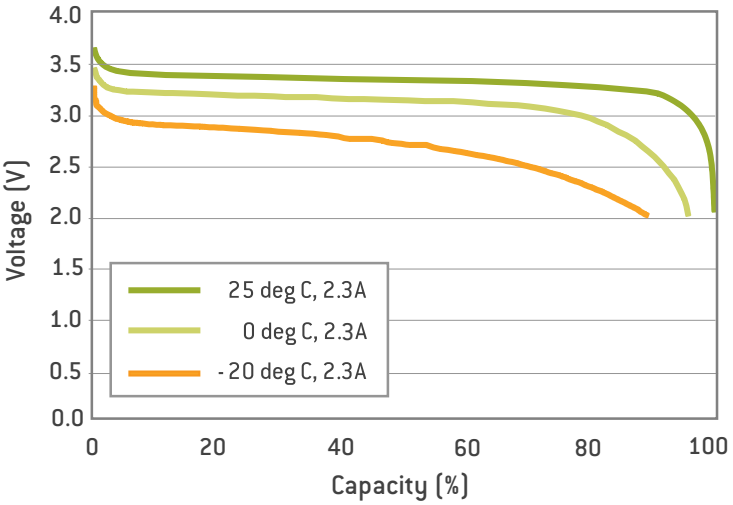
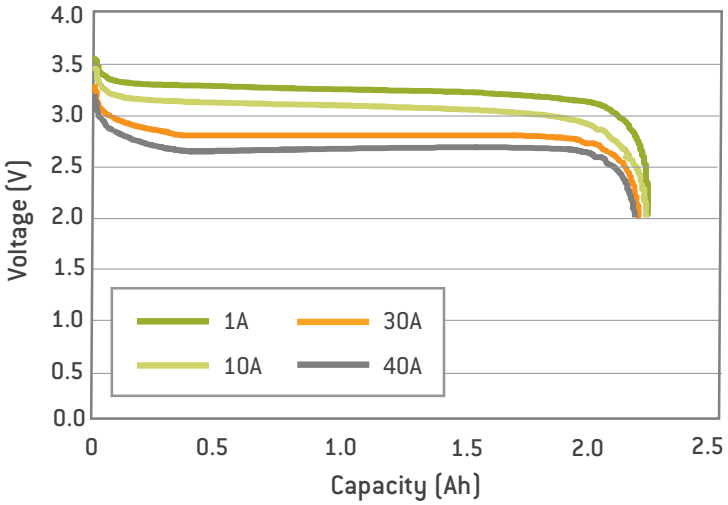
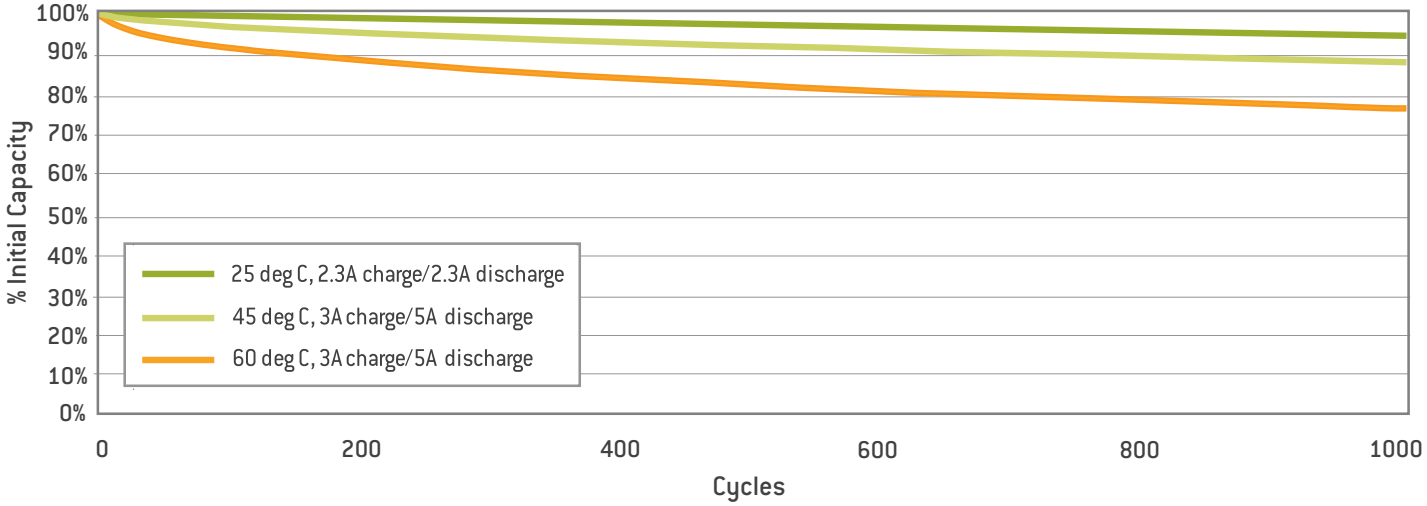
Low Temperature Discharge Performance



Discharge Characteristics, 25 deg C



Cycle Life Performance, 100% DOD, Various Temperatures



Performance may vary depending on use conditions and application.

A123 Systems makes no warranty explicit or implied with this datasheet. Contents subject to change without notice.

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