



ANR26650M1 High Power Cell Specifications

Inherently safe M1 cells introduce a new paradigm in high rate all-weather and low impedance Li Ion

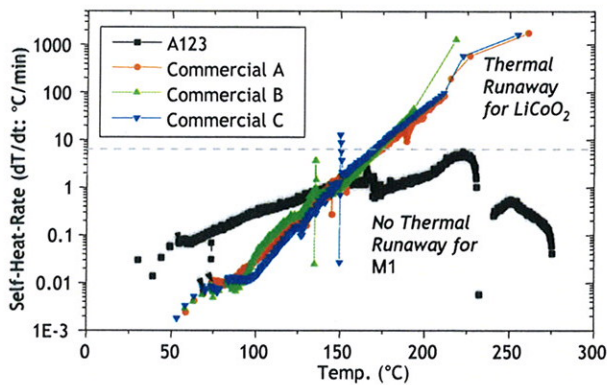
Unique benefits:

- Inherently safe chemistry and rugged design
- Very low to no impedance growth with cycling
- >35C discharge rate with >70% of retained capacity
- Highest commercially available power density
- Industry leading cycle life and calendar life
- Excellent high temperature operation
- Provides over 80% of nominal capacity at -20°C
- Unique sizes may be developed to meet custom needs based on customer requirements and volume.

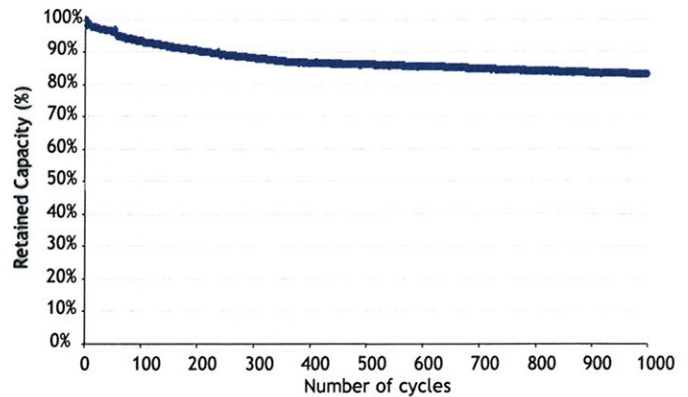
ANR26650M1

Nominal capacity	2.3 Ah
Nominal voltage	3.30V
DC Internal impedance	12mΩ
Minimum capacity at 20C rate	2.0 Ah
Charging method	CCCV
Charging voltage	3.60V
Max continuous charging current	25A
Max continuous discharge current	60A
Fast-charge time (to 80% capacity)	5 minutes
Minimum cycle life at 5C (100% DOD) to 85% of initial capacity	1000 cycles
Recommended temperature range	-20°C to 60°C
Cell dimensions	26 x 65 mm
Core cell weight	68 grams
Power density (5s pulse)	3500 W/kg
Energy density	120 Wh/kg

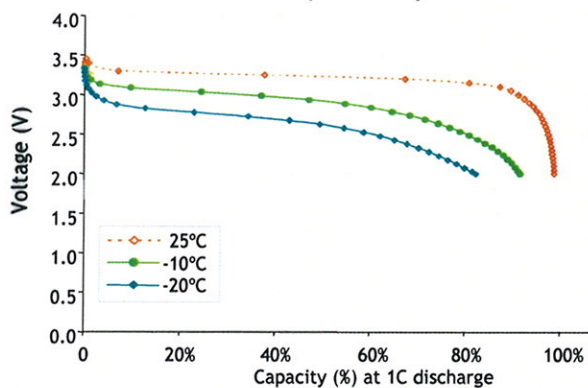
Intrinsically safe chemistry vs. LiCoO₂



Cycle life (5C discharge, 1C charge)



Industrial low temperature performance



Excellent rate capability and minimal voltage drop

