

# 26650 Lithium Ion Power Cell

Nanophosphate® Technology

## Specs for ANR26650M1B

### Nominal Ratings

Voltage	3.3 V
Capacity @ 23 °C Typ (Min)	2.6 Ah (2.5)
Energy @ 23 °C	8.25 Wh
Specific Power	2600 W/kg
Impedance (1KHz AC) Typ	6 mΩ
Cycle Life at 1C/1C, 100% DOD	> 4000 cycles

### Discharging

Max Continuous Discharge Current	50 A
Max Pulse Discharge Current (10s)	120 A
Minimum Voltage / HPPC Pulse	2 V / 1.6 V
Temperature	-30 °C to 55 °C

### Charging

Recommended Charge Current	3 A
Max Continuous Charge Current	10 A
Max Pulse Charge Current (10s)	20 A
Float Voltage	3.45 V
Recommended charge V & Cut-off Current	3.6 V, taper to 125mA
Temperature Range (reduce charging current to 250mA when under 0 °C)	0 °C to 55 °C

### Storage

Storage Temperature	-40 °C to 60 °C
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### Mechanical

Diameter	Ø25.96 +/- 0.5 mm
Length	65.15 +/- 0.5 mm
Mass	76 g +/- 1.0 g

### Certifications

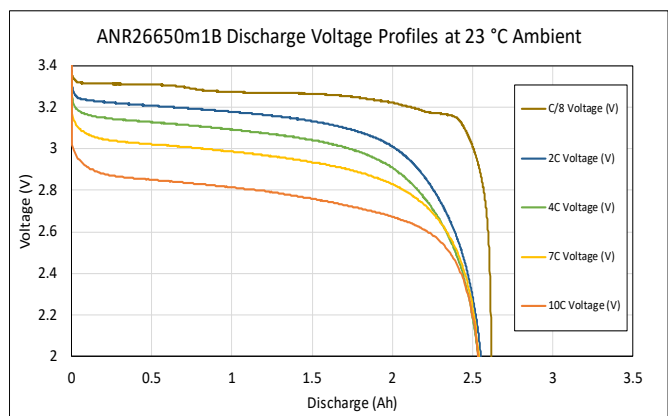
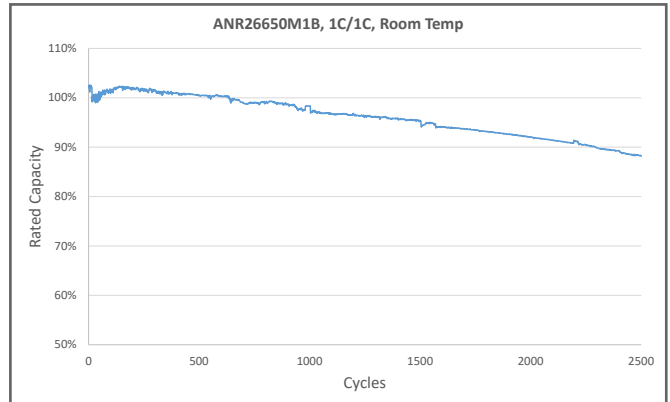
Transportation	UN 3480 (UN38.3), CIQ
Safety	UL 1642, IEC 62133-2

### Transportation

Shipping	Via Air @ 30% SOC Via Sea @ 50% SOC
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Part Number 300732-006

## Cell Data



## Abuse

Nail penetration	Pass - EUCAR4
Over-Discharge	Pass - EUCAR3
Thermal Stability	Pass - EUCAR4
External Short	Pass - EUCAR3
Crush	Pass - EUCAR3
Overcharge	Pass - EUCAR2
Vent Open Pressure	1.0 - 2.0 MPa