

LI-ION



CELL – BMZ 18650 22EL

TECHNICAL INFORMATION

Lithium Ion Rechargeable Battery

Name and Code

- Cell Name: BMZ 18650 22EL
- Cell Code: 17283

Cell Shape and Weight

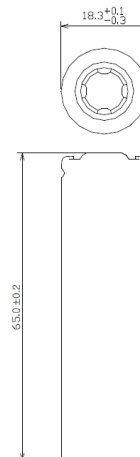
- Cell Shape: cylindrical
- Weight: 44 g

Safety Regulation

- UN, IEC, UL

Size (with plastic tube):

- Diameter: 18.4 max
- Length: 65.2 max



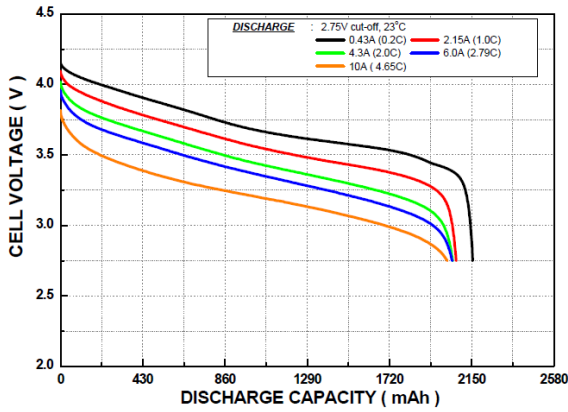
HIGH ENERGY

Performance		
Capacity	Nominal 2150 mAh Minimum 2050 mAh	0.2 C discharge 2.75 V cut off at RT 23°C
Maximum Discharge Current	10 A	discharge at RT 23°C cell temp. limit 75°C
Nominal Voltage	3.65 V	
Operating Temperatures (at cell surface)	Charge 0°C...50°C	Discharge -20°C...75°C
Storage Temperatures	1 month -20°C...60°C	3 months -20°C...45°C
Internal Impedance	≤ 35 mΩ	measured at AC 1 kHz after standard charge
Energy Density	460 Wh/l	

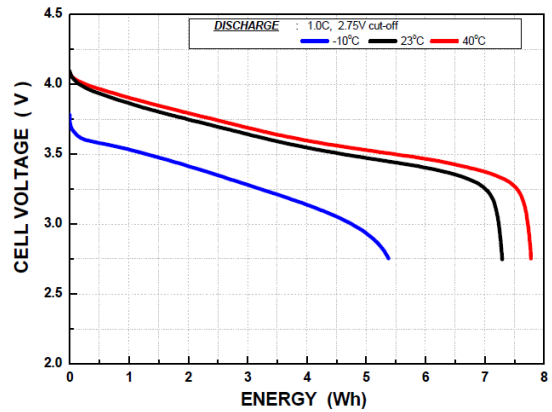
- Charge Method: CC-CV
- Standard Charge Current: 1.075 A
- Maximum Charge Current: 2.15 A
- Maximum Charge Voltage: 4.2 V
- Discharge Cut Off Voltage: 2.75 V



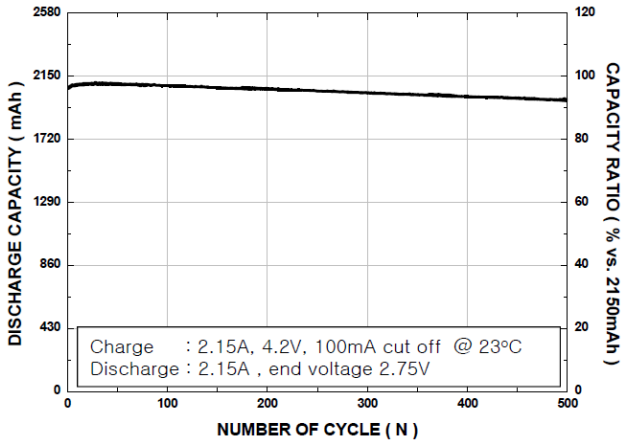
DISCHARGE CHARACTERISTICS



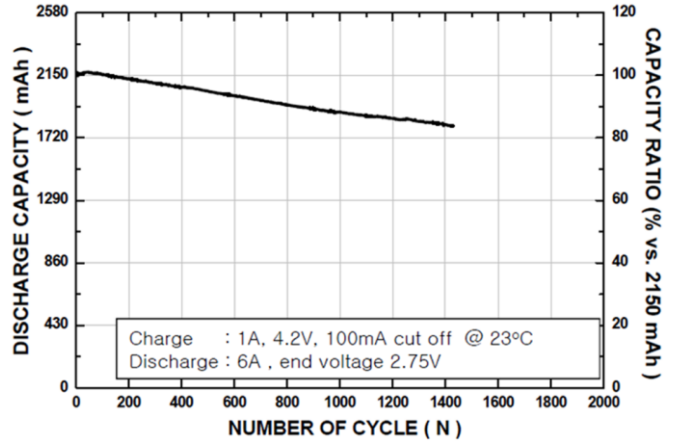
TEMPERATURE CHARACTERISTICS



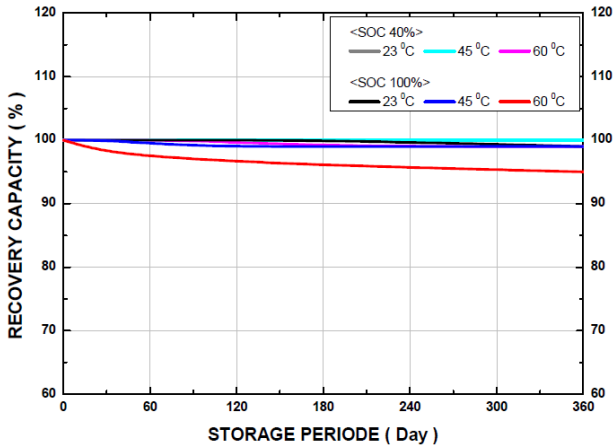
CYCLE LIFE (1C/1C @ 23°C)



CYCLE LIFE (1A/6A @ 23°C)



STORAGE CHARACTERISTICS



Data is for reference use only. Not guarantee value.

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