

LI-ION



**CELL – BMZ 18650 35ES**

**TECHNICAL INFORMATION**

Lithium Ion Rechargeable Battery

**Name and Code**

- Cell Name: BMZ 18650 35ES
- Cell Code: 36343

**Cell Shape and Weight**

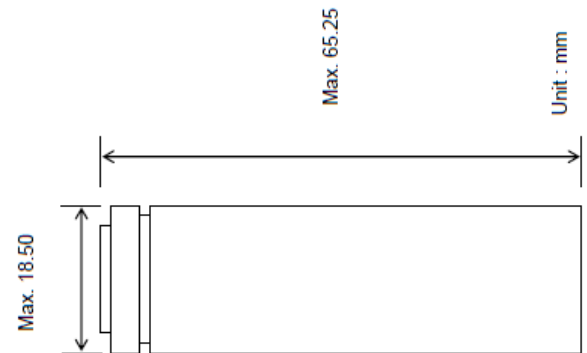
- Cell Shape: cylindrical
- Weight: 50.00 g (average)

**Safety Regulation**

- UN, IEC, UL

**Size (with plastic tube):**

- Diameter: 18.50 mm max
- Length: 65.25 mm max



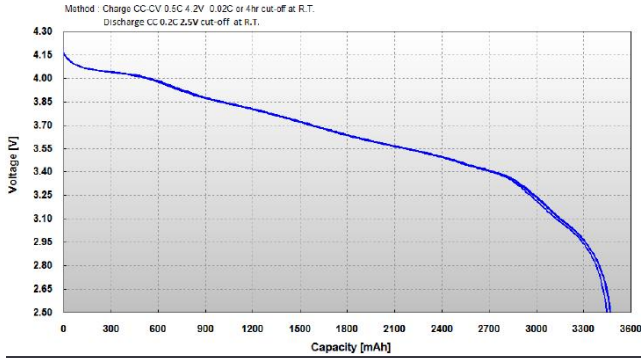
**HIGH ENERGY**

- Charge Method: CC-CV
- Nominal Charge Current: 1.7 A
- Maximum Charge Current: 2 A
- Maximum Charge Voltage: 4.2 V
- Discharge Cut Off Voltage: 2.5 V

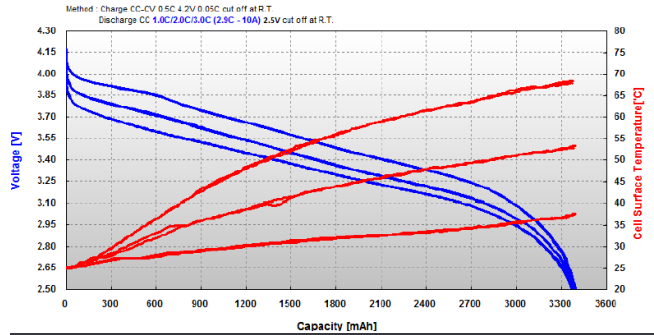
Performance		
Nominal Capacity at 0.2 C	3450 mAh	
Rated Capacity at 0.2 C	3250 mAh	
Continuous Maximum Discharge Current	8 A	
Nominal Voltage	3.6 V	
Allowable Environment Temperatures	Charging:	Discharging:
	0°C – 45°C	-10°C – 60°C
Storage Temperatures	1 month:	3 months:
	-20°C – 60°C	-20°C – 45°C
Internal Impedance	< 18 mΩ	measured at AC 1 kHz



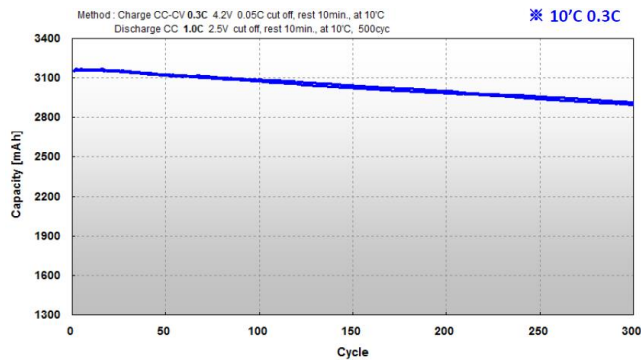
**STANDARD DISCHARGE PROFILE**



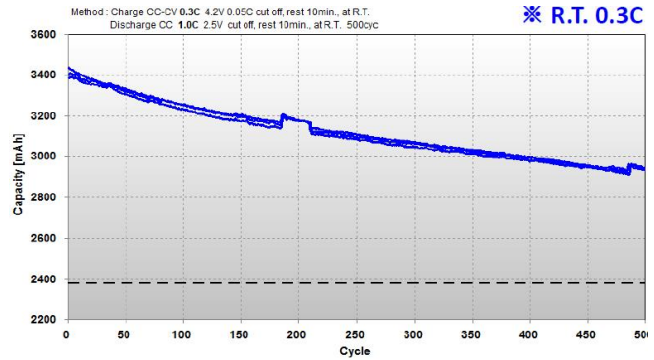
**C-RATE DISCHARGE**



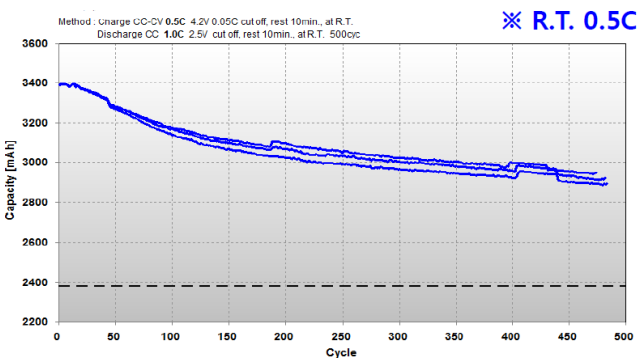
**CYCLE LIFE @ 10degC**



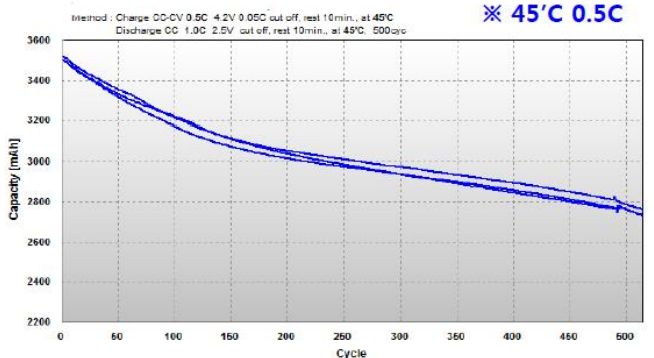
**CYCLE LIFE @RT (0.3C/1.0C)**



**CYCLE LIFE @RT (0.5C/1.0C)**



**CYCLE LIFE @45 degC RT (0.5C/1.0C)**



Data is for reference use only. Not guarantee value.

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