

LI-ION



CELL – BMZ 18650 22PS

## TECHNICAL INFORMATION

Lithium Ion Rechargeable Battery

### Name and Code

- Cell Name: BMZ 18650 22PS
- Cell Code: 38695

### Cell Shape and Weight

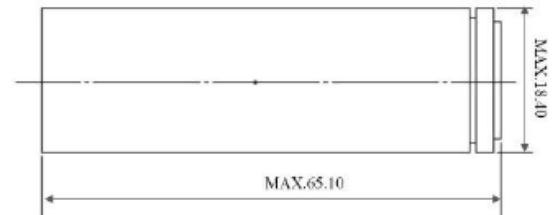
- Cell Shape: cylindrical
- Weight: max. 44.5 g

### Safety Regulation

- UN, IEC, UL

### Size (with plastic tube):

- Diameter: 18.4 mm
- Length: 65.00 mm



**HIGH POWER**

### Performance

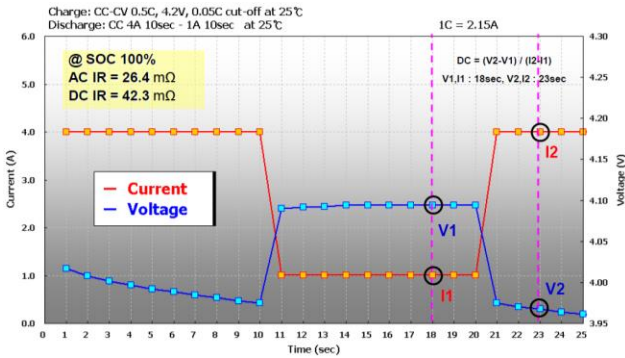
(at room temperature, 2.75 V cut off)

Nominal Capacity (0.2 C discharge)	2150 mAh	
Standard Capacity (0.2 C discharge)	>2050 mAh	
Continuous Maximum Discharge Current	10 A	
Nominal Voltage	3.65 V	
Allow able Environment Temperatures	Charging: 0°C – 45°C	Discharging: -20°C – 60°C
Storage Temperatures	1 month: 0°C – 60°C	3 months: 0°C – 45°C
Internal Impedance	≤ 35mΩ	measured at AC 1 kHz

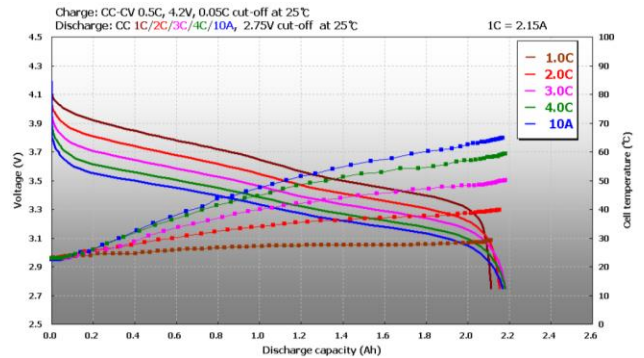
- Charge Method: CC-CV
- Nominal Charge Current: 1.075 mA
- Maximum Charge Current: 2.150mA
- Maximum Charge Voltage: 4.2 V
- Discharge Cut Off Voltage: 2.75 V



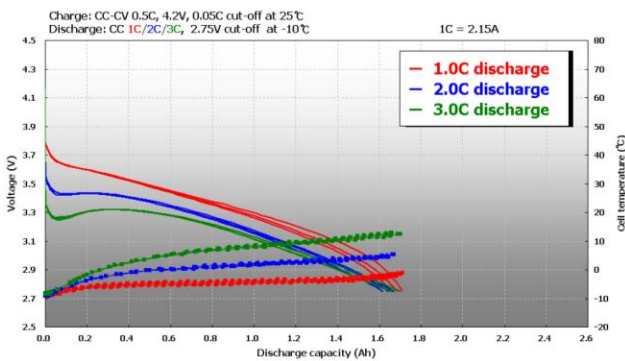
**AC / DC IMPEDANCE**



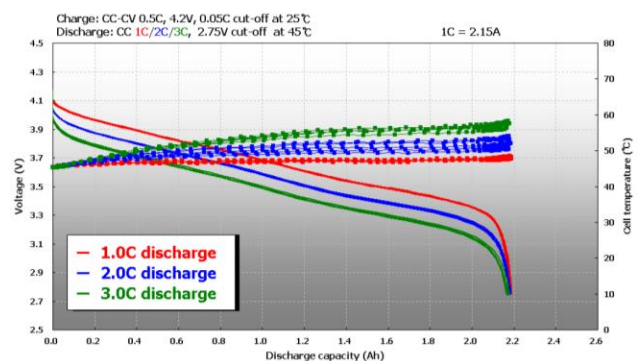
**RATE DISCHARGE AT 25°C**



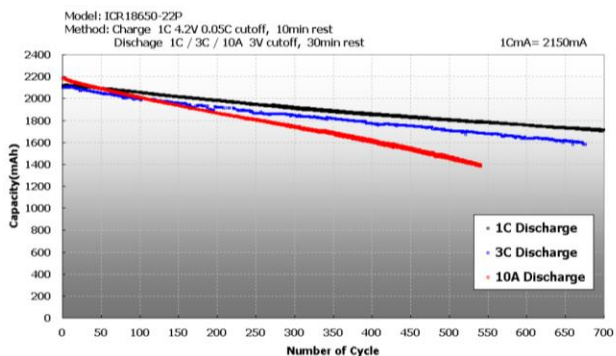
**RATE DISCHARGE AT -10°C**



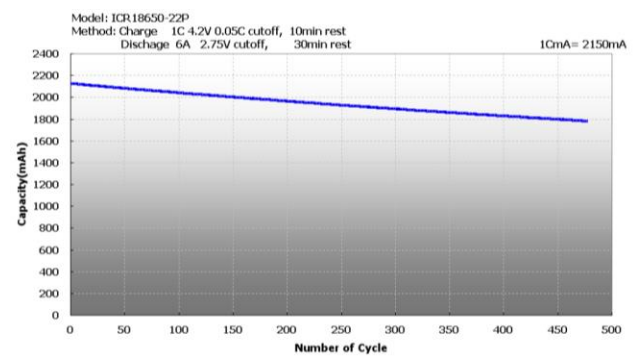
**RATE DISCHARGE AT 45°C**



**CYCLE LIFE (1C / 3C / 10A DISCHARGE, 25°C)**



**CYCLE LIFE (6A DISCHARGE, 45°C)**



Data is for reference use only. Not guarantee value.

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