

LI-ION



CELL – BMZ 18650 20PE

TECHNICAL INFORMATION

Lithium Ion Rechargeable Battery

Name and Code

- Cell Name: BMZ 18650 20PE
- Cell Code: 38695

Cell Shape and Weight

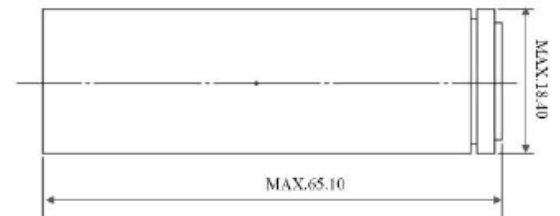
- Cell Shape: cylindrical
- Weight: max. 44.0 g

Safety Regulation

- UN, IEC, UL

Size (with plastic tube):

- Diameter: 18.4 mm
- Length: 65.10 mm



HIGH POWER

Performance

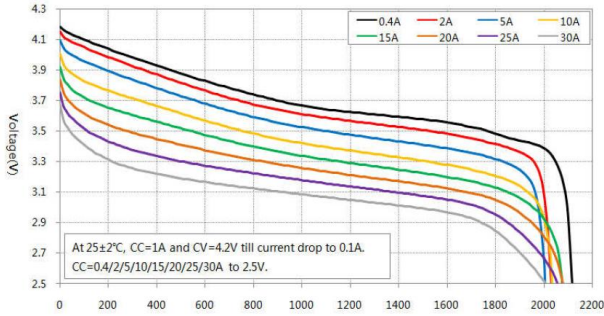
(at room temperature, 2.5 V cut off)

Nominal Capacity (0.2 C discharge)	2000 mAh	
Rated Capacity (0.2 C discharge)	1900 mAh	
Continuous Maximum Discharge Current	20 A	
Nominal Voltage	3.6 V	
Allowable Environment Temperatures	Charging: 0°C – 45°C	Discharging: -20°C – 70°C
Storage Temperatures	1 month: -20°C – 60°C	3 months: -20°C – 45°C
Internal Impedance	< 18 mΩ	measured at AC 1 kHz

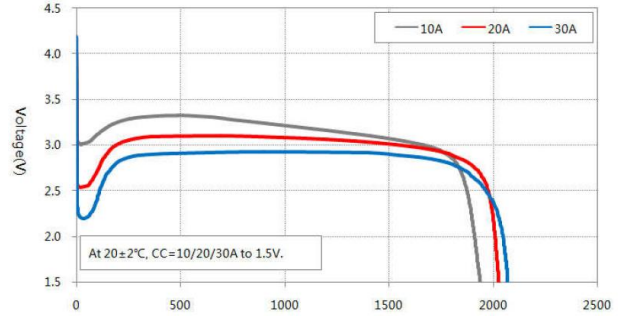
- Charge Method: CC-CV
- Nominal Charge Current: 1.0 A
- Maximum Charge Current: 4.0 A
- Maximum Charge Voltage: 4.2 V
- Discharge Cut Off Voltage: 2.75 V
- Charging Time: 180 Min.



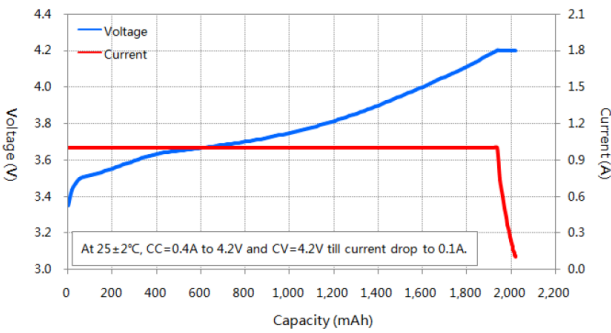
DISCHARGE RATE CHARACTERISTICS



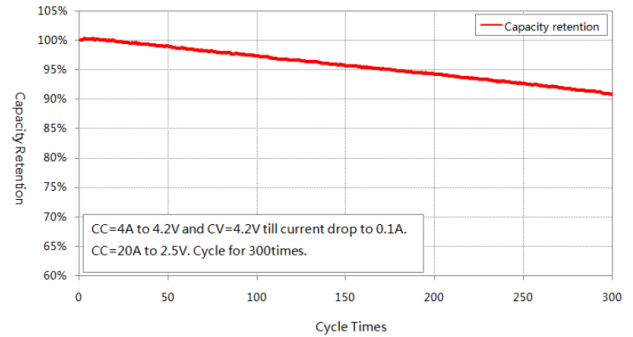
DISCHARGE TEMPERATURE CHARACTERISTICS



CHARGE CHARACTERISTICS



CYCLE LIFE CHARACTERISTICS



Data is for reference use only. Not guarantee value.

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