

LI-ION



CELL – BMZ 18650 35EL

TECHNICAL INFORMATION

Lithium Ion Rechargeable Battery

Name and Code

- Cell Name: BMZ 18650 35EL
- Cell Code: 34333

Cell Shape and Weight

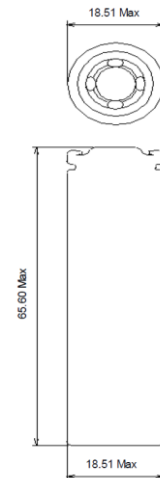
- Cell Shape: cylindrical
- Weight: 48 g

Safety Regulation

- UN, IEC, UL

Size (with plastic tube):

- Diameter: 18.4 ± 0.11 mm
- Length: 65.4 ± 0.20 mm



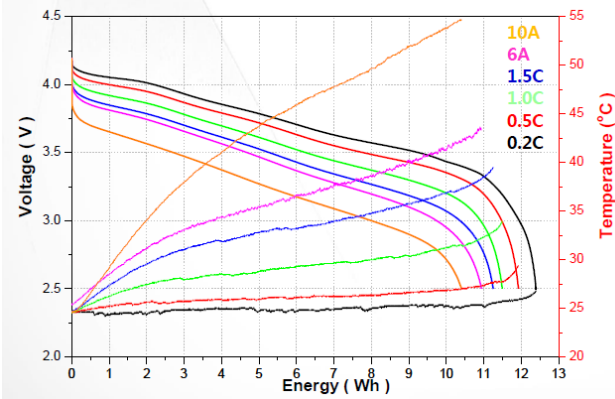
HIGH CAPACITY

- Charge Method: CC-CV
- Nominal Charge Current: 1.02 A
- Maximum Charge Current: 2.38 A
- Maximum Charge Voltage: 4.2 V
- Ambient Temperature: 24°C

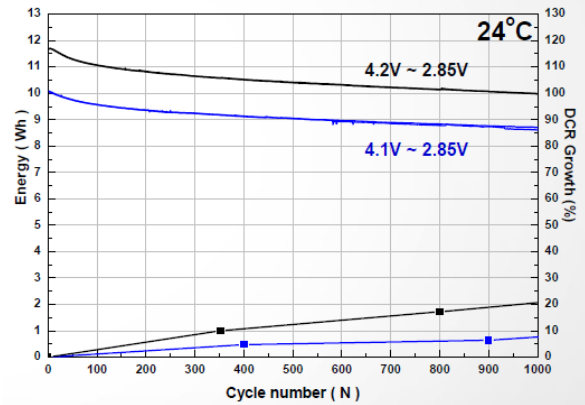
Performance (at room temperature, 2.5 V cut off)		
Rated Capacity (0.2 C discharge)	3400 mAh	
Continuous Maximum Discharge Current	10 A	
Nominal Voltage	3.63 V	
Energy Density	720 Wh/l	
Allowable Environment Temperatures	Charging: 0°C – 50°C	Discharging: -30°C – 60°C
Storage Temperatures	1 month: -20°C – 60°C	3 months: -20°C – 45°C
Internal Impedance	22 ± 6 mΩ	measured at AC 1 kHz
DC Resistance	36 ± 6 mΩ	measured at SOC 50%



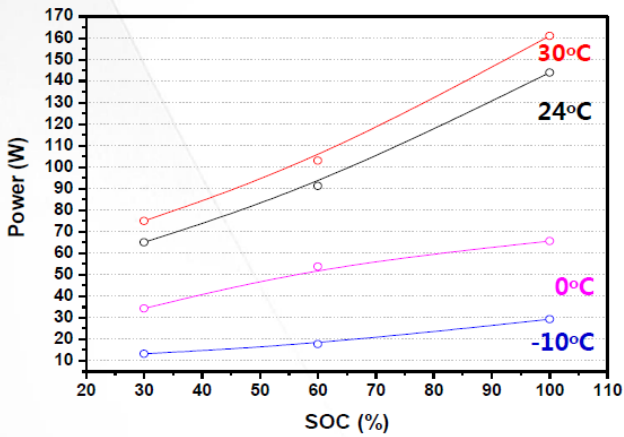
DISCHARGE LOAD CHARACTERISTICS



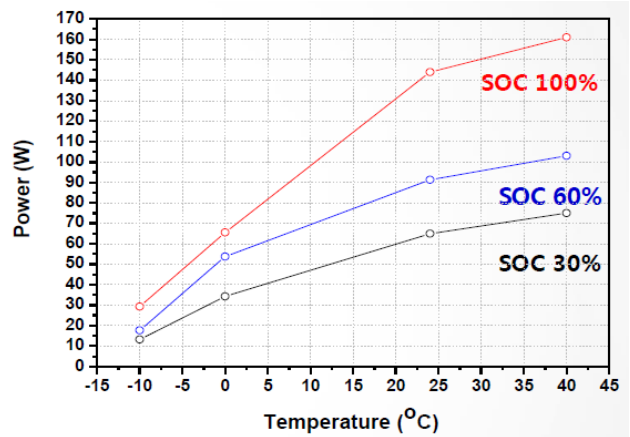
CYCLE PERFORMANCE



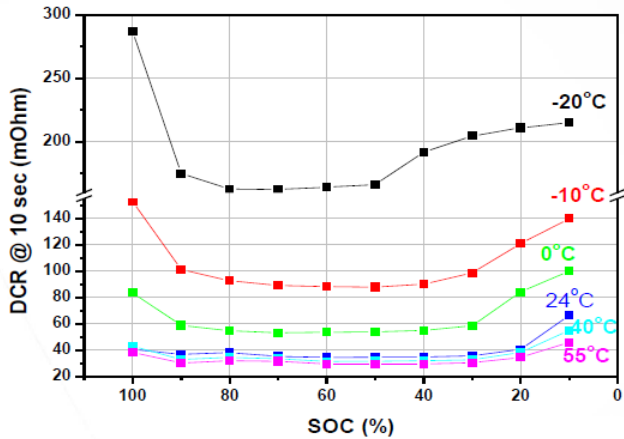
DISCHARGE POWER LIMIT EACH SOC



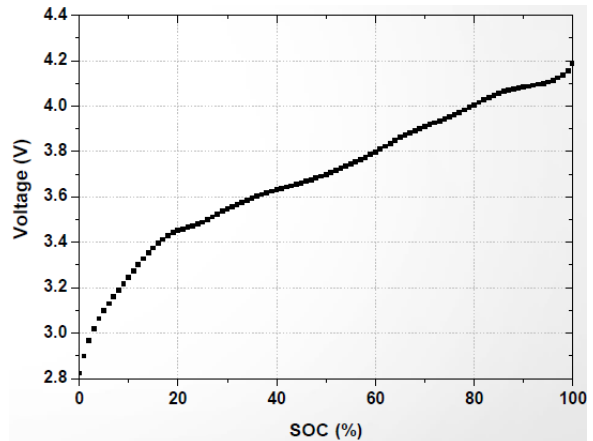
DISCHARGE POWER LIMIT EACH TEMPERATURE



DC RESISTANCE



OCV CURVE



Data is for reference use only. Not guarantee value.

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