

Specifications for NCR18650BD

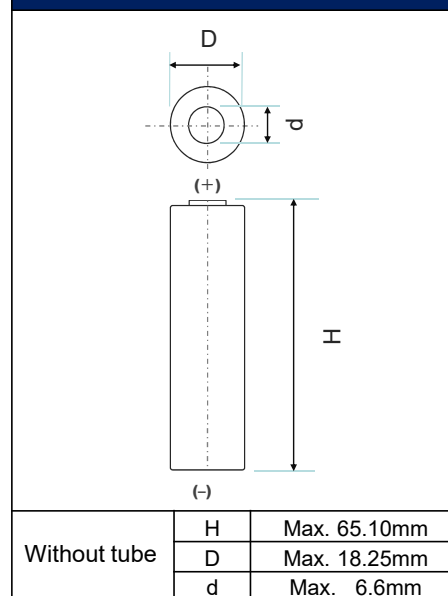
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Specifications			
Rated capacity ⁽¹⁾		2980mAh	2910mAh
Capacity ⁽²⁾	Minimum	3030mAh	2935mAh
	Typical	3180mAh	3080mAh
Nominal voltage		3.6V	
Charging	Method	CC-CV	
	Voltage	4.20V	4.15V
	Current	Std. 0.3CA	
Weight (max.) Without tube		49.5g	
Temperature	Charge	10 to +45° C	
	Discharge	-20 to +60° C	
	Storage	-20 to +50° C	
Energy density ⁽³⁾	Volumetric	630 Wh/l	615 Wh/l
	Gravimetric	217 Wh/kg	212 Wh/kg

⁽¹⁾ At 20° C ⁽²⁾ At 25° C

⁽³⁾ Energy density is calculated using bare cell dimensions (without tube).

Dimensions

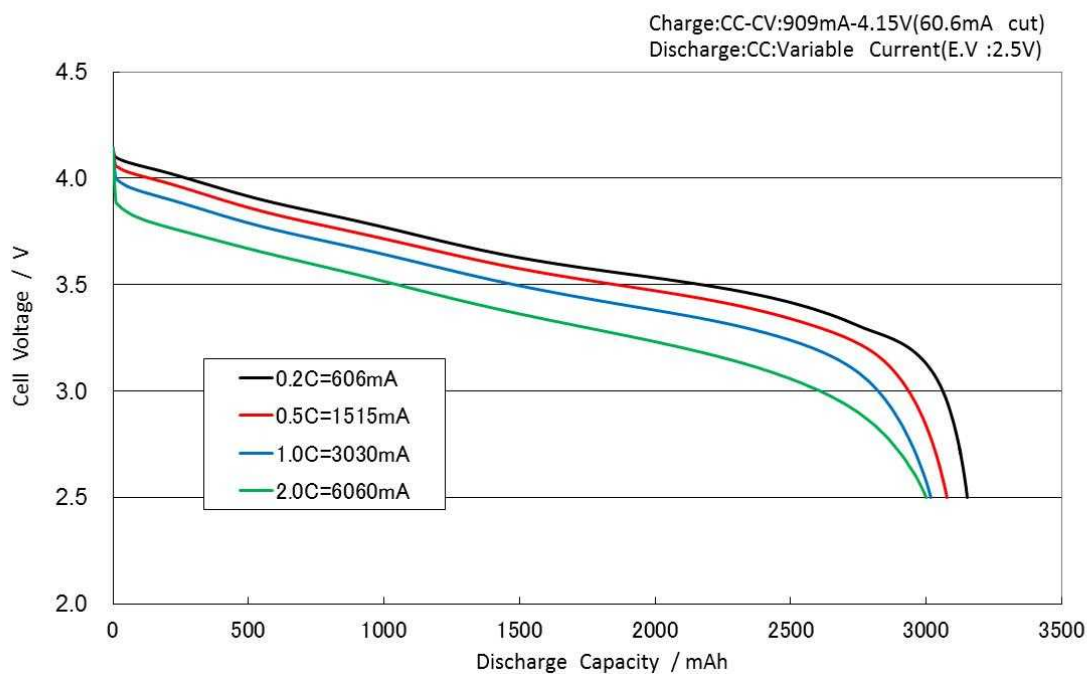


When designing a pack, refer to the cell's mechanical drawing for precise dimensions.

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Discharge Rate Characteristics for NCR18650BD

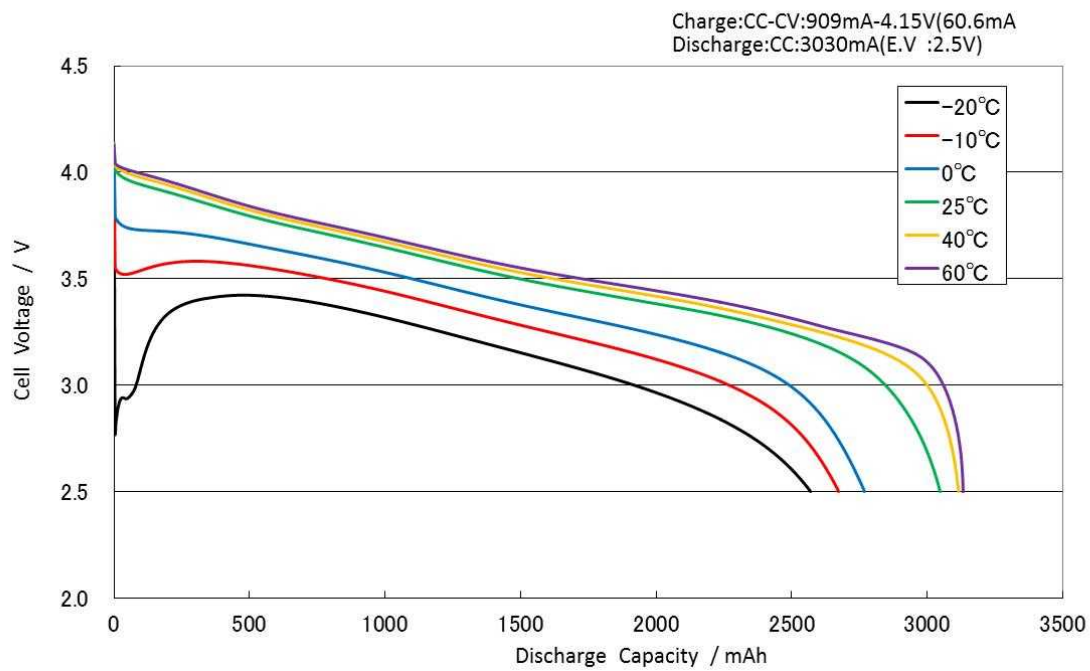
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Discharge Temperature Characteristics for NCR18650BD

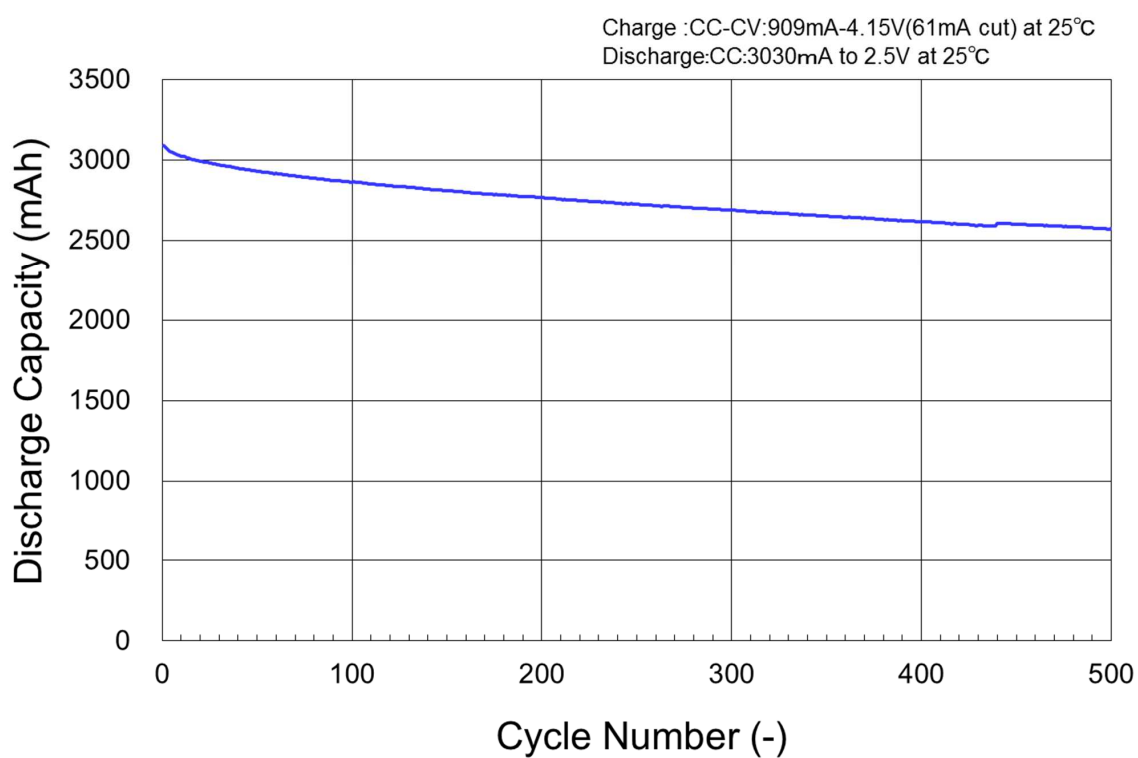
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Cycle Characteristics for NCR18650BD

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PRODUCT: NCR18650BD / Cylindrical Lithium-ion Rechargeable Cell

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