

Specification of NCR1865K (Tentative)

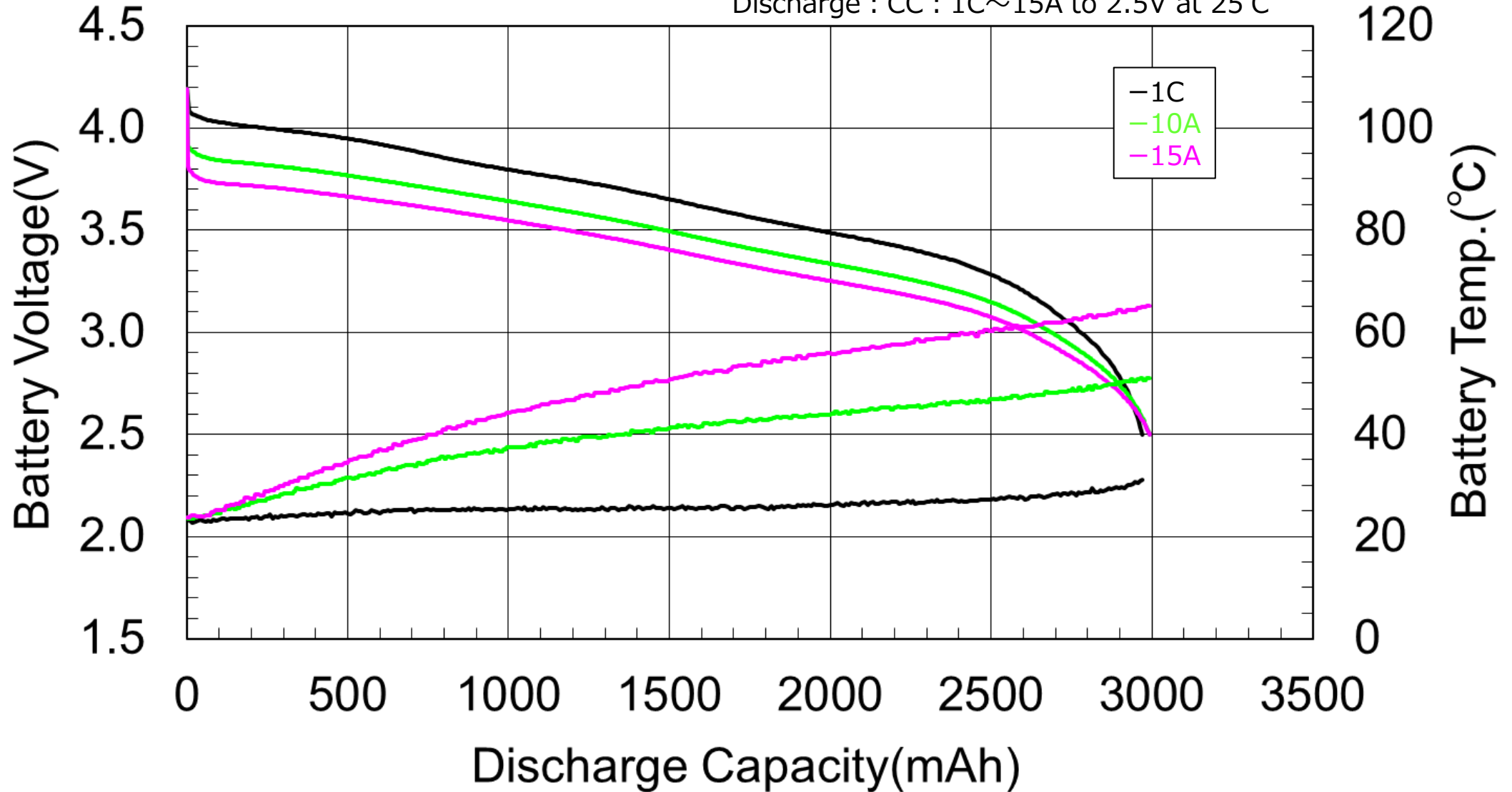
Specifications		
Rated capacity ⁽¹⁾		2950mAh(TBD)
Capacity ⁽²⁾	Minimum	2980mAh(TBD)
	Typical	3120mAh(TBD)
Nominal voltage		3.6V
End Voltage		2.50V
Charging	Method	CC-CV
	Voltage	4.20V ⁽⁴⁾
	Current	Max. 3000mA(TBD) ⁽⁵⁾
	Cut off	60mA
Max. Continuous Discharge Current ⁽³⁾		15A
Weight (max.) (with tube)		50.0g(TBD)
Temperature	Charge	0 to +45°C
	Discharge	-20 to +60°C
	Storage	-20 to +60°C

Dimensions		
<p>(When designing a pack, refer to the cell's mechanical drawing for precise dimensions.)</p>		
With tube	H	Max.65.30mm
	D	Max.18.50mm

(1) At 20°C, (2) At 25°C, (3)60% after 300cycles at 25°C(actual),
 (4) Need to reduce charge voltage to 4.1V(TBD) by SOH70%,
 (5) Charging current from 0 to 10°C is Max 1500mA (4.2V) or 3000mA (4.05V)

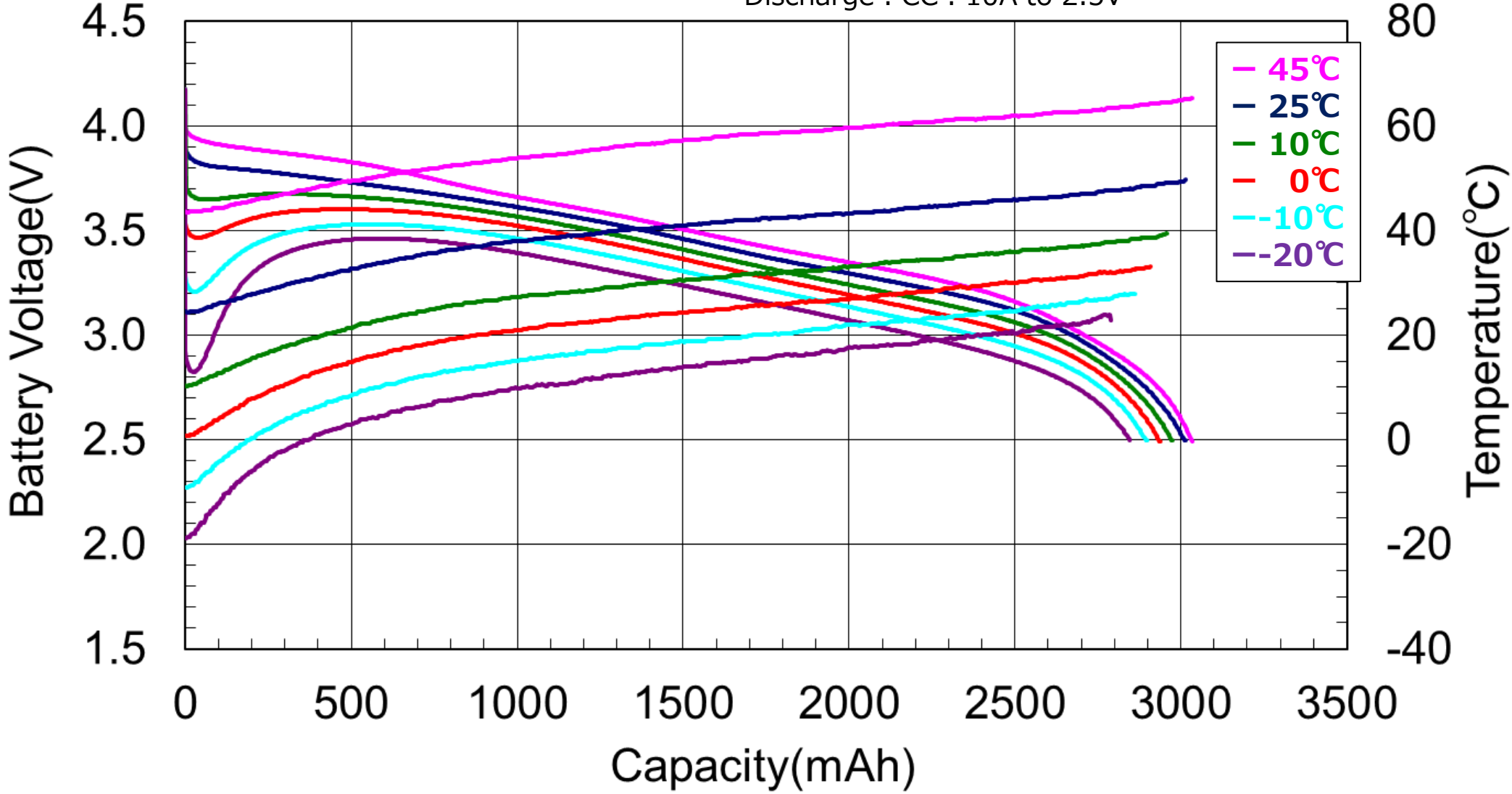
Discharge Rate Characteristics of NCR1865K

Charge : CCCV : 1C-4.2V (60mA cut) at 25°C
Discharge : CC : 1C~15A to 2.5V at 25°C



Discharge Temperature Characteristics of NCR1865K Panasonic ENERGY

Charge : CCCV : 1C-4.2V (60mA cut) at 25°C
Discharge : CC : 10A to 2.5V



Cycle Characteristics of NCR1865K

Charge : CCCV : 1C-4.2V (100mA cut) at 25°C
Discharge : CC : 10A to 2.5V at 25°C

