

2. Nominal Specification

Item	Condition / Note	Specification
2.1 Energy	By Standard charge/discharge	Nom. 18.2 Wh Min. 17.6 Wh
2.2 Nominal Voltage	Average by Standard charge/discharge	3.69V
2.3 Shipping Cell Voltage	State Of Charge ("SOC")	Below SOC 30%
2.4 Standard Charge ¹⁾	Charging mode CC : Constant current (1C=4800mA) CV : Constant voltage End Current (Cut off) Charging time (for one complete full charge)	CC/CV 0.3C (1,440mA) 4.20V 50mA 4.5h
2.5 Max. Charge Voltage		4.20V
2.6 Max. Charge Current (complete full charge) ²⁾	0 ~ 25°C	0.3C (1,440mA)
	25 ~ 45°C	0.7C (3,360mA)
2.7 Standard Discharge	Discharging mode CC : Constant current End Voltage(Cut off)	CC 0.2C (960mA) 2.50V
2.8 Min. Discharge Voltage		2.50V
2.9 Max. Discharge Current (complete full charge) ²⁾	-20 ~ 10°C	0.5C (2,400mA)
	10 ~ 25°C	3.0C(14,400mA)
	25 ~ 55°C	1.5C(7,200mA)
2.10 Over Voltage Protection	Cell voltage shall not exceed the 4.25V to prevent any safety events. And cell performance can't be guaranteed between 4.20V and 4.25V	4.25V
2.11 Under Voltage Protection	Cell voltage shall not drop below the 2.00V to prevent any safety events. And cell performance can't be guaranteed between 2.50V and 2.00V	2.00V
2.12 Weight	With Tube and Washer	67.5 ± 1.0g
2.13 Operating Temperature ³⁾ (Atmosphere or Chamber Temperature)	Charge	0 ~ 45°C
	Discharge	-20 ~ 55°C
* Max. cell surface temperature should be below 70°C for discharging. (Temperature cut-off function is needed on BMU under 70°C)		