

1. General

1.1 Scope

This specification applies to type

: US476483BH9 Lithium Ion Polymer Rechargeable Battery

1.2 Name and Code

1.2.1 Cell Name : US476483BH9

1.2.2 Model Number : US476483BH9

1.2.3 Code : 49944270

:

1.3 Cell Shape and Weight

1.3.1 Cell Shape : Polymer

1.3.2 Size : Thickness 4.63 mm max
Width 63.9 mm max
Length(without Tab) 82.45 mm max

1.3.3 Weight : 58.3 g (typical)

1.4 Reference test current

1.0 ItA: 4010 mA

1.5 Safety Regulation

Murata acquired UL1642

2. Performance

at room temperature, 3.0V cut off

Nominal Capacity (0.2ItA discharge)	4080mAh	average capacity 3.83 V (average discharge voltage)
	15.62Wh	
Rated Capacity (0.2ItA discharge)	4010mAh	minimum capacity
	15.35Wh	
Capacity at 0.5ItA	4044mAh	average capacity
	15.16Wh	
Capacity at 1.0ItA	4014mAh	average capacity
	14.65Wh	
Nominal Voltage	3.83 V	
Internal Impedance	25 mΩ	measured by AC1 kHz
Cycle Performance	80% of Initial capacity at 800 cycles	0.7 ItA discharge rate

*Standard Charge Condition

Charge Method : constant current / constant voltage

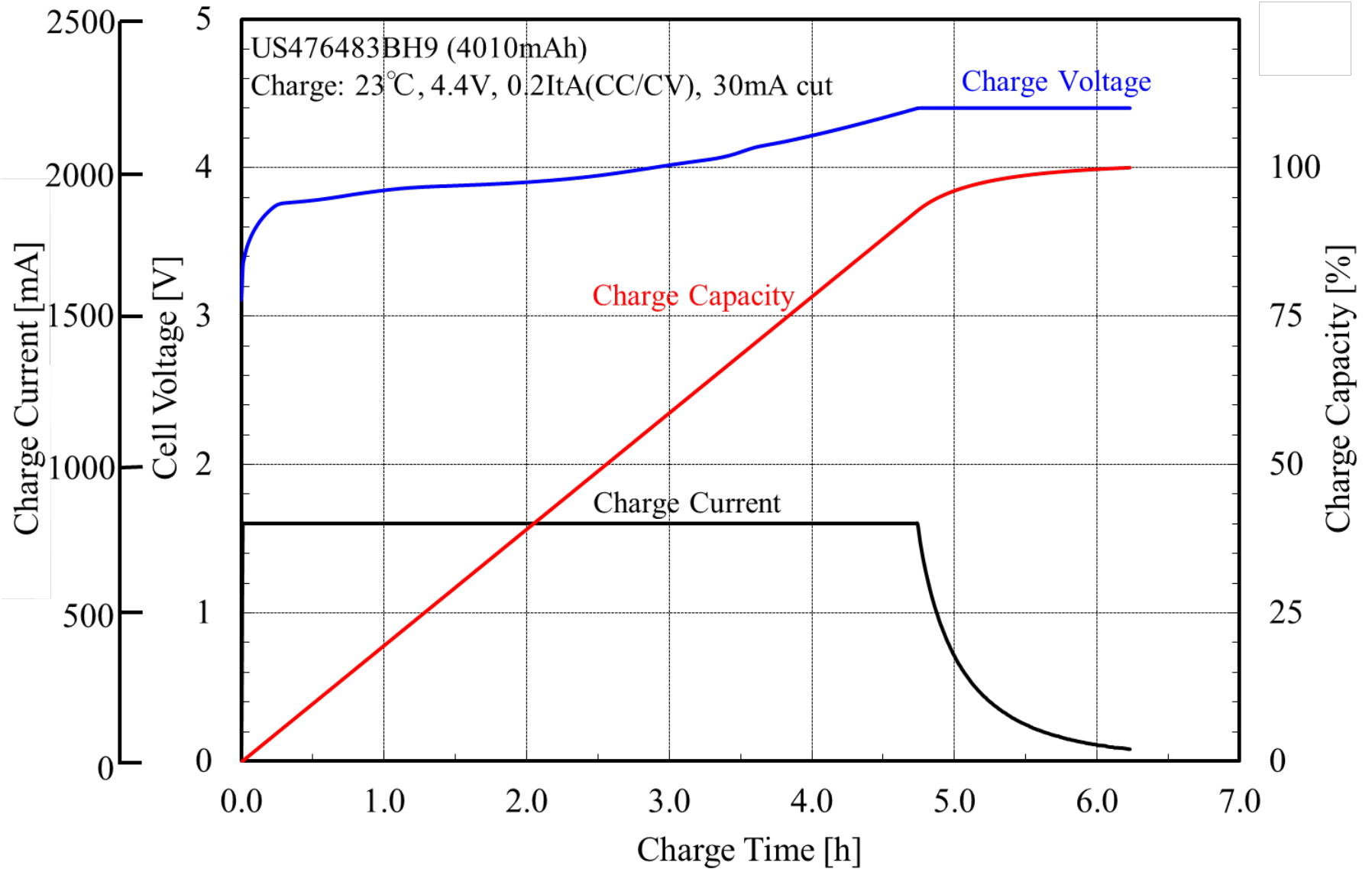
Charge Up Voltage : 4.4 ± 0.05 V

Charge Current : 0.802 A

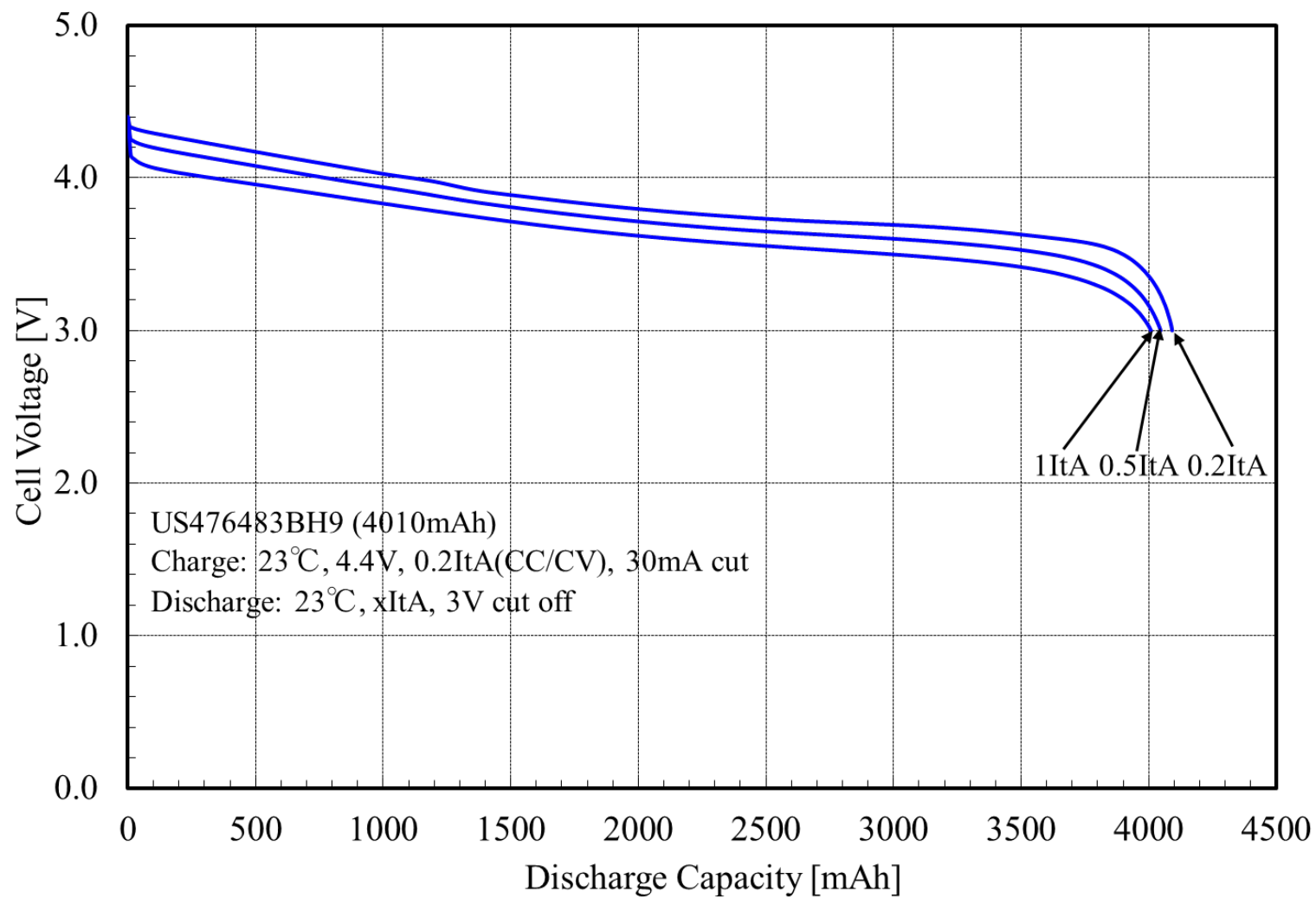
Charge Cut off Curren: 30 mA

Ambiance Temperatu: 23 °C

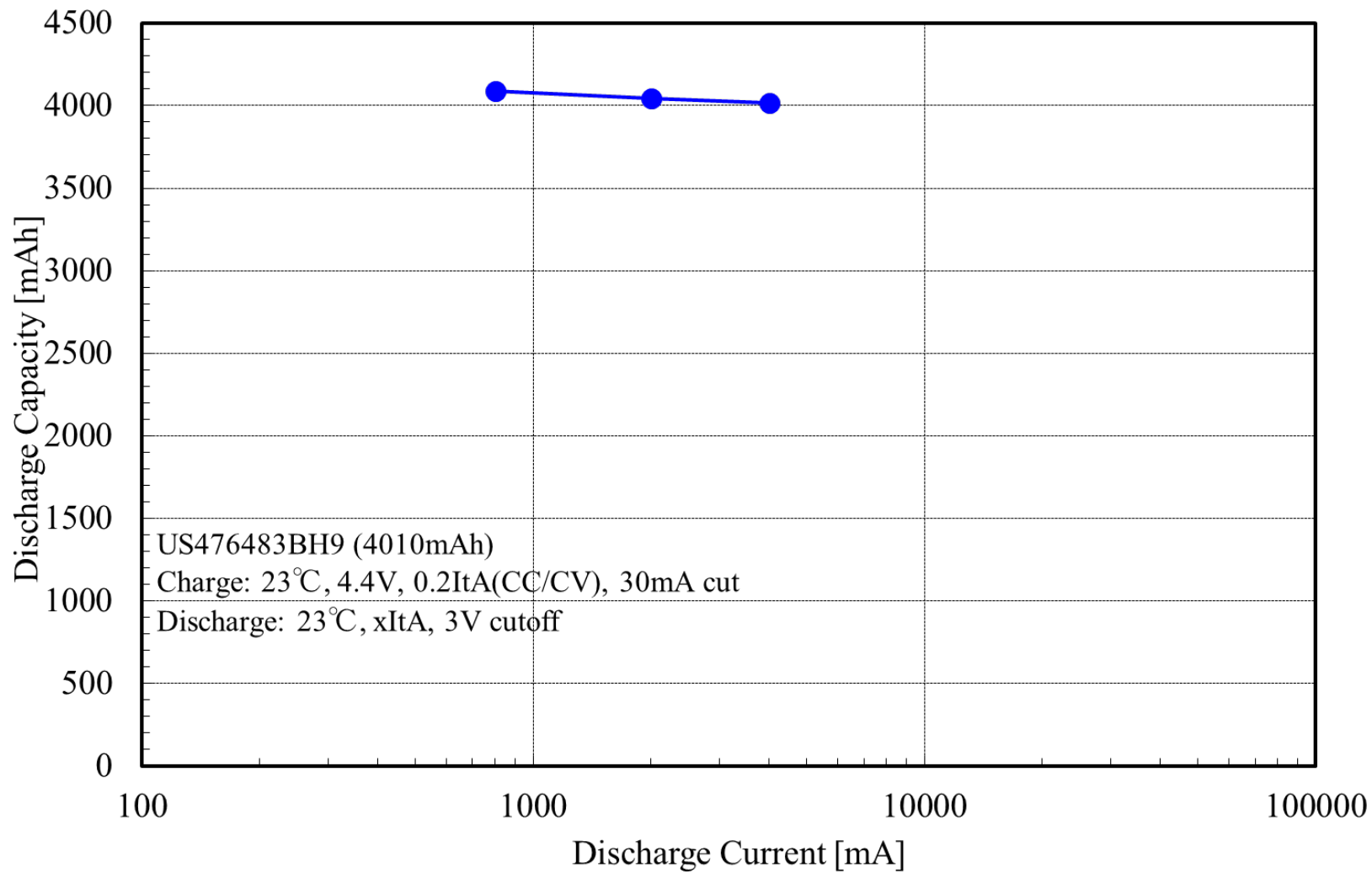
Charging Profile



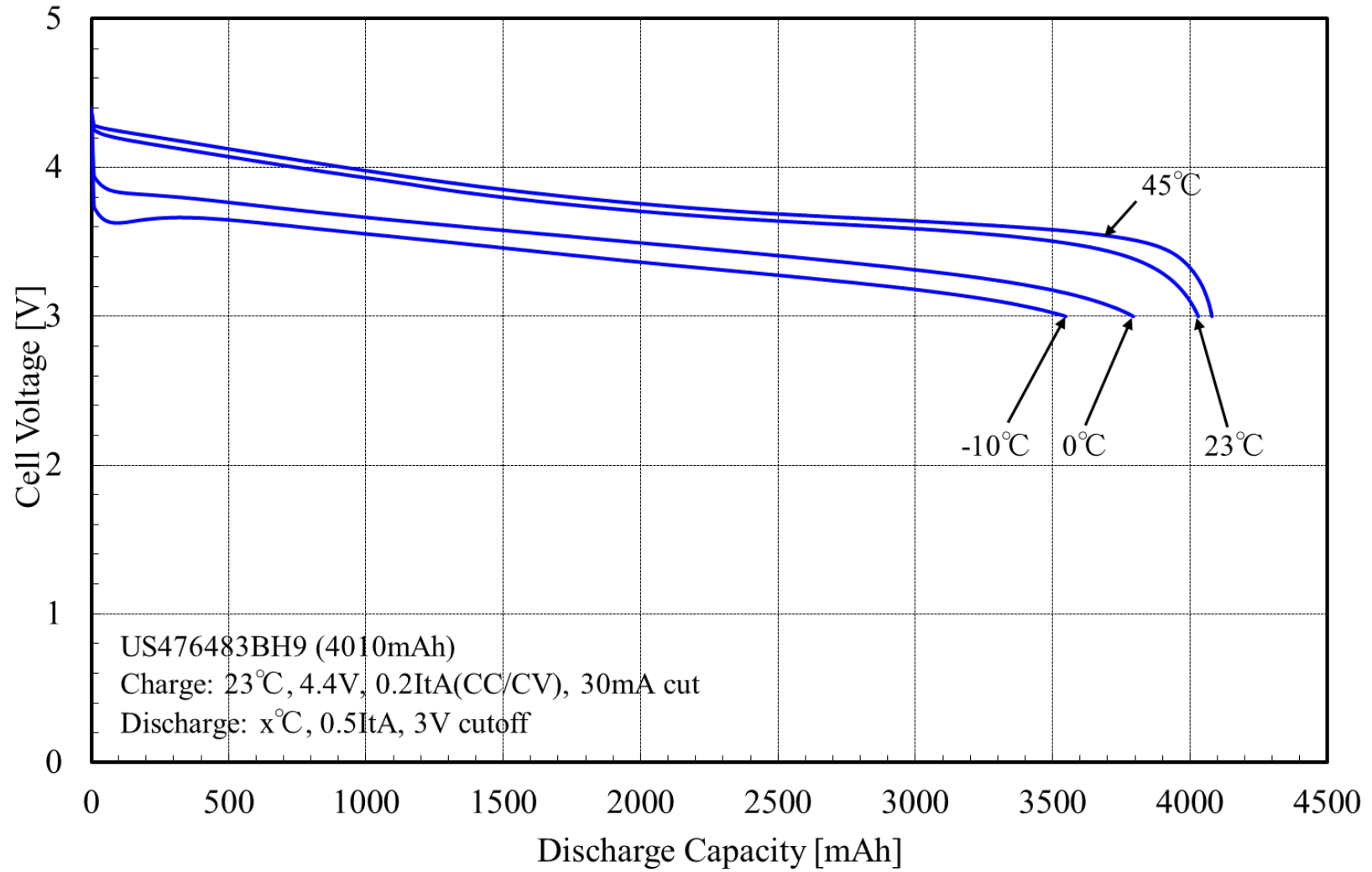
Discharging Profile



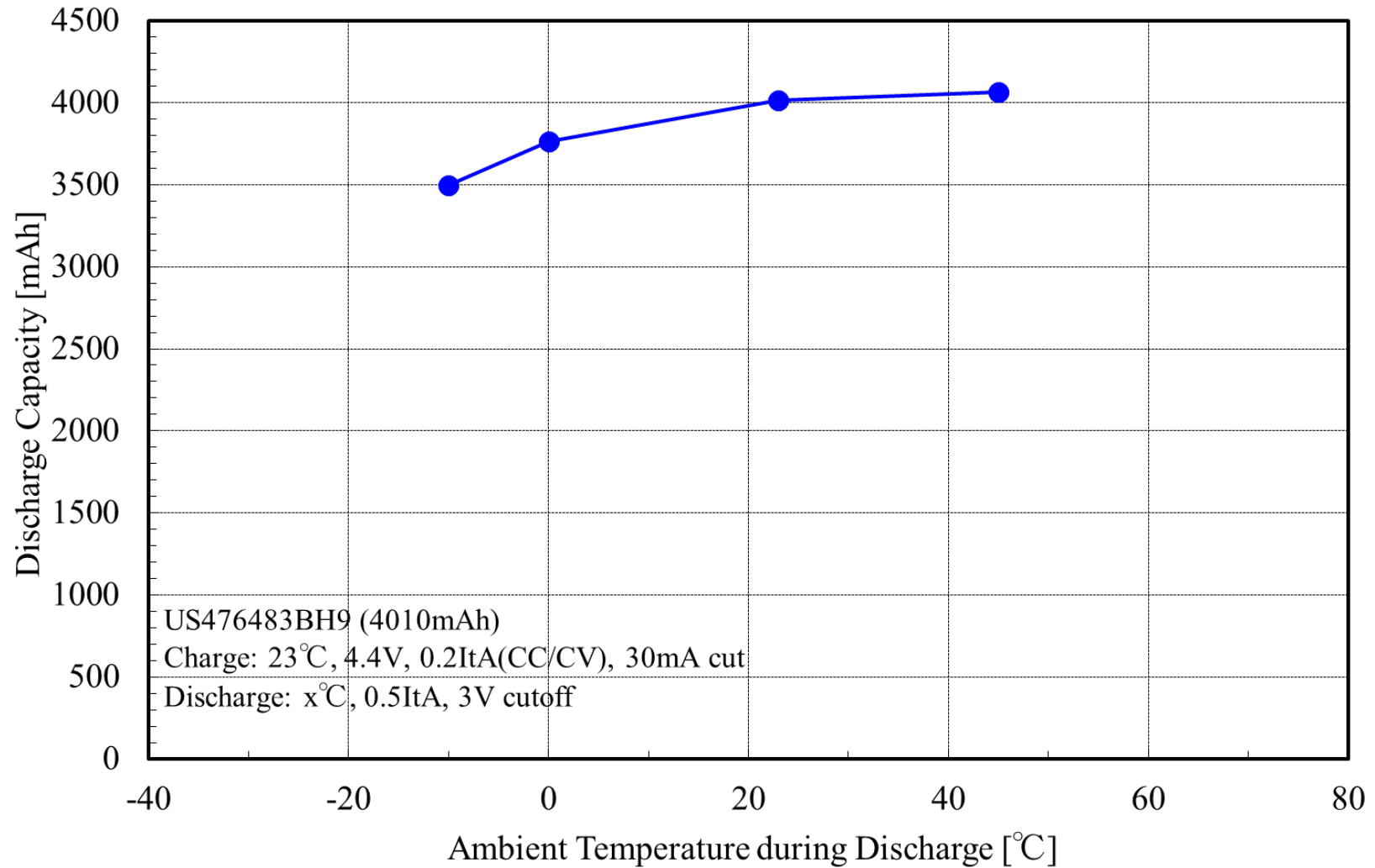
Drain Capability



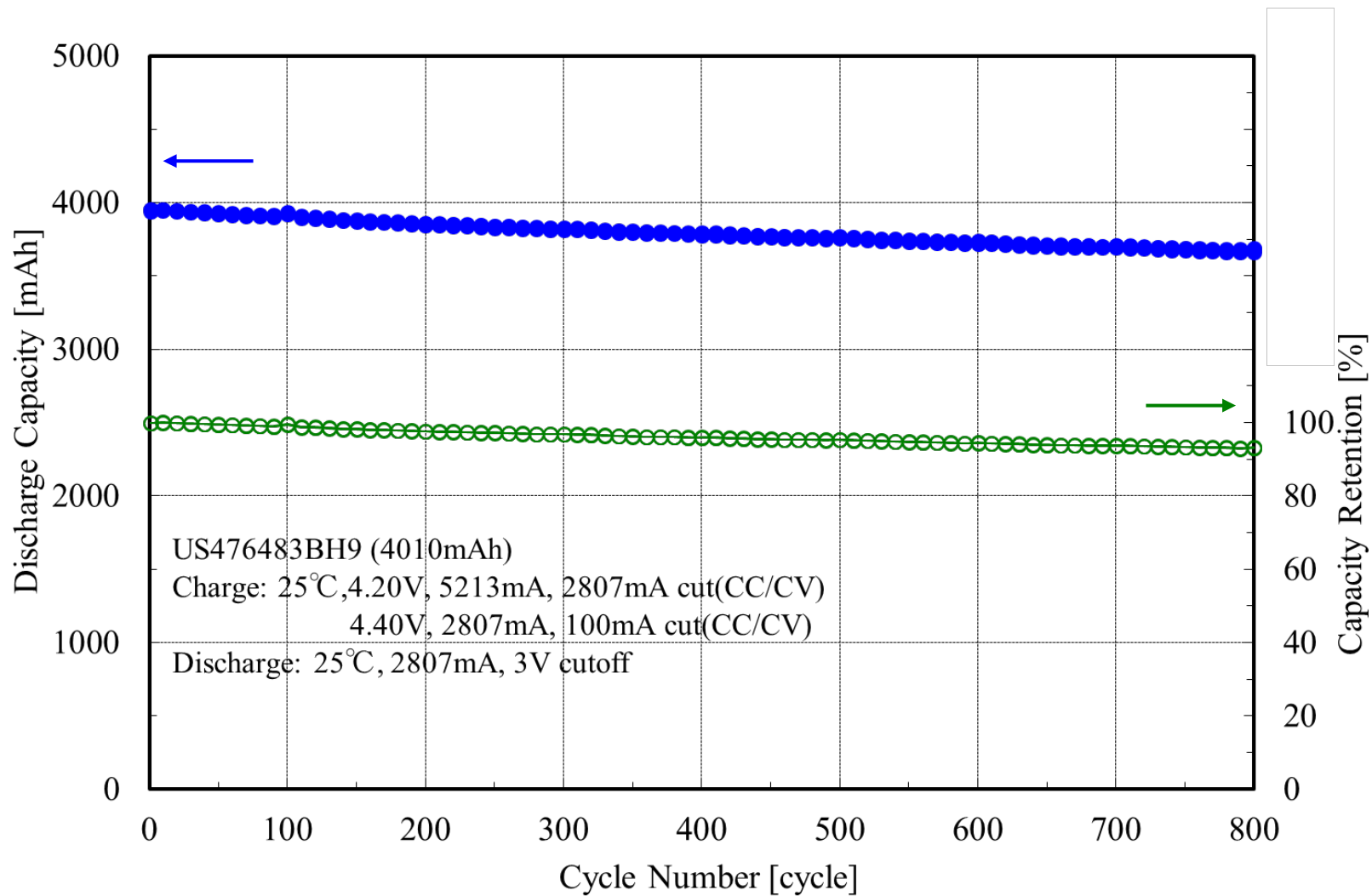
Discharging Profile



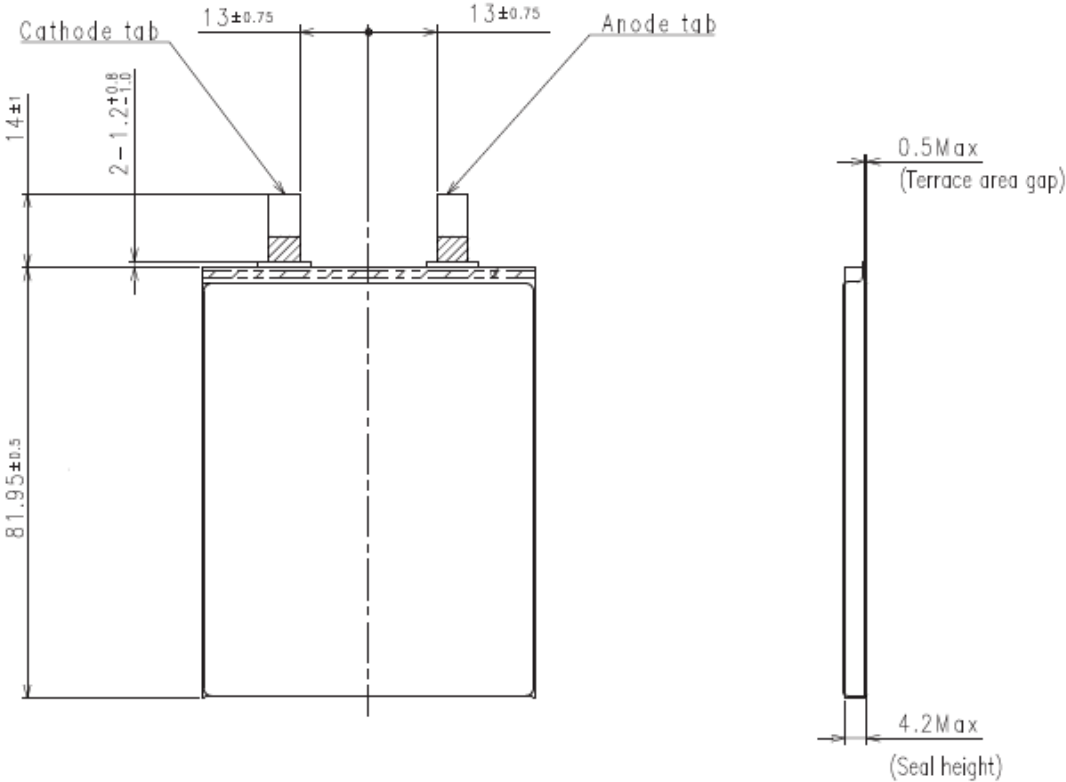
Discharge Temperature Performance



Cycle Performance



Cell Size (US476483BH9)



Same opposite face

