

1. General

1.1 Scope

This specification applies to type
: US673864 Lithium Ion Polymer Rechargeable Battery

1.2 Name and Code

1.2.1 Cell Name : US673864
1.2.2 Model Number : US673864K6S
1.2.3 Code : 49922960

1.3 Cell Shape and Weight

1.3.1 Cell Shape : Polymer
1.3.2 Size : Thickness 6.65mm max
Width 38.00mm max
Length (without tab) 64.00mm max
1.3.3 Weight : 36.5 g (typical)

1.4 Reference test current

1.0ItA : 2010mA

1.5 Safety Regulation

Acquired UL1642.

2. Performance

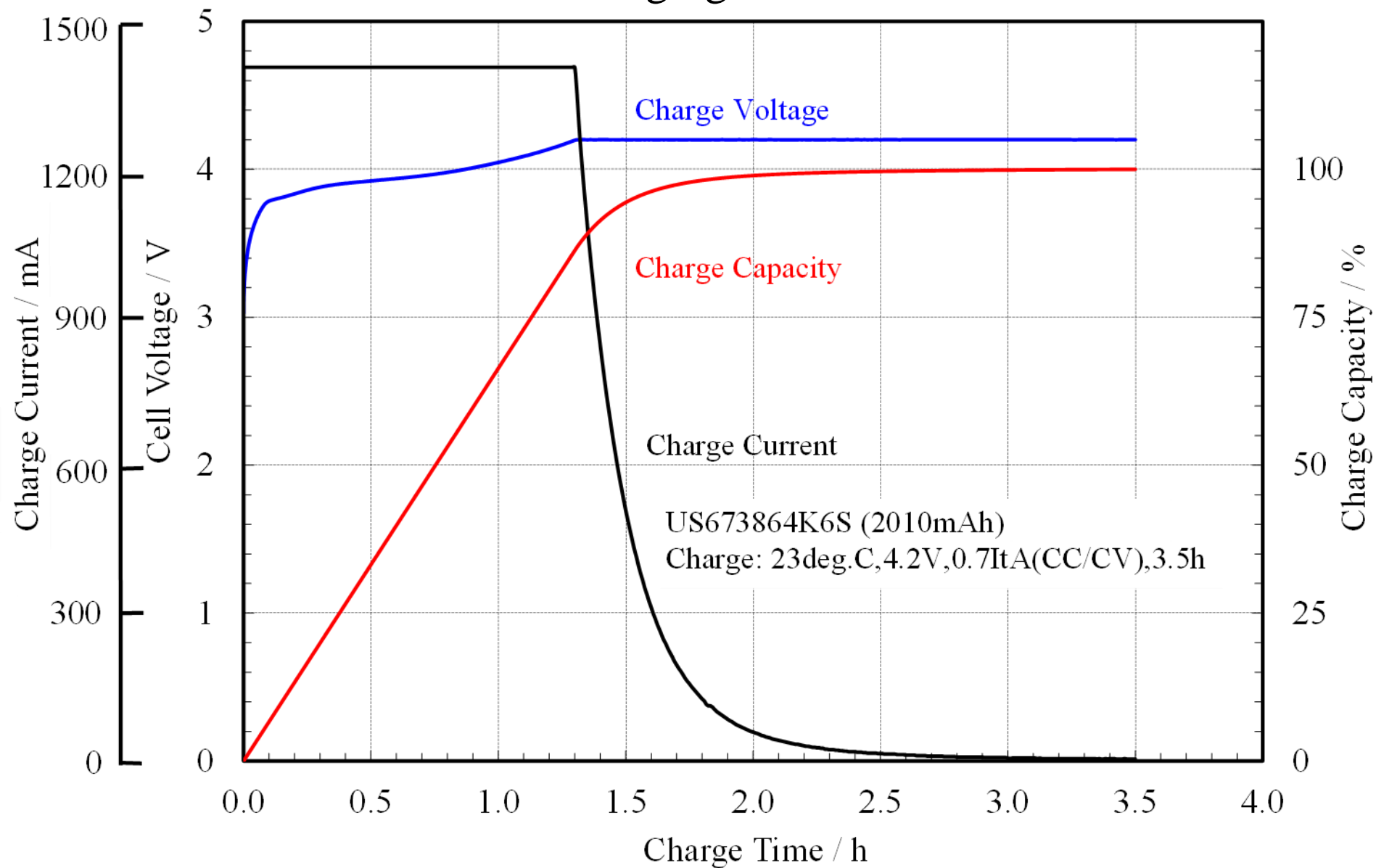
at room temperature, 3.0V cut off

Nominal Capacity (0.2ItA discharge)	2090mAh 7.73Wh	average capacity 3.70V (average discharge voltage)
Rated Capacity (0.2ItA discharge)	2010mAh 7.44Wh	minimum capacity
Capacity at 0.5ItA	2074mAh 7.67Wh	average capacity
Capacity at 1.0ItA	1992mAh 7.37Wh	average capacity
Nominal Voltage	3.70V	
Internal Impedance	40mΩ	measured by AC1kHz
Cycle Performance	80% of Initial capacity at 500 cycles	0.5ItA discharge rate

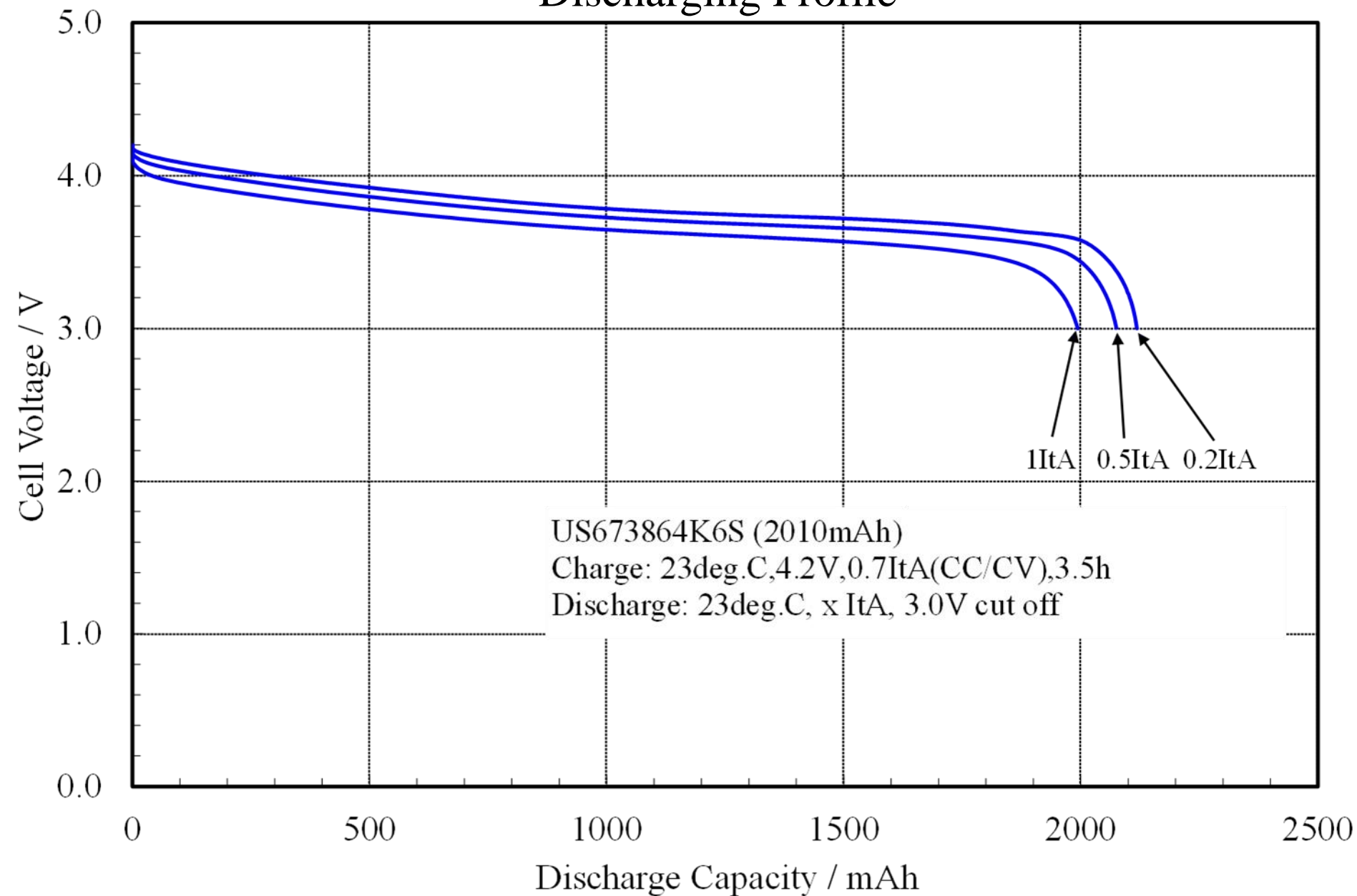
* Standard Charge Condition

Charge Method : constant current constant voltage
Charge Up Voltage : 4.2 V ± 0.05V
Charge Current : 1.407A
Charge Time : 3.5h cut off
Ambiance Temperature : 23°C

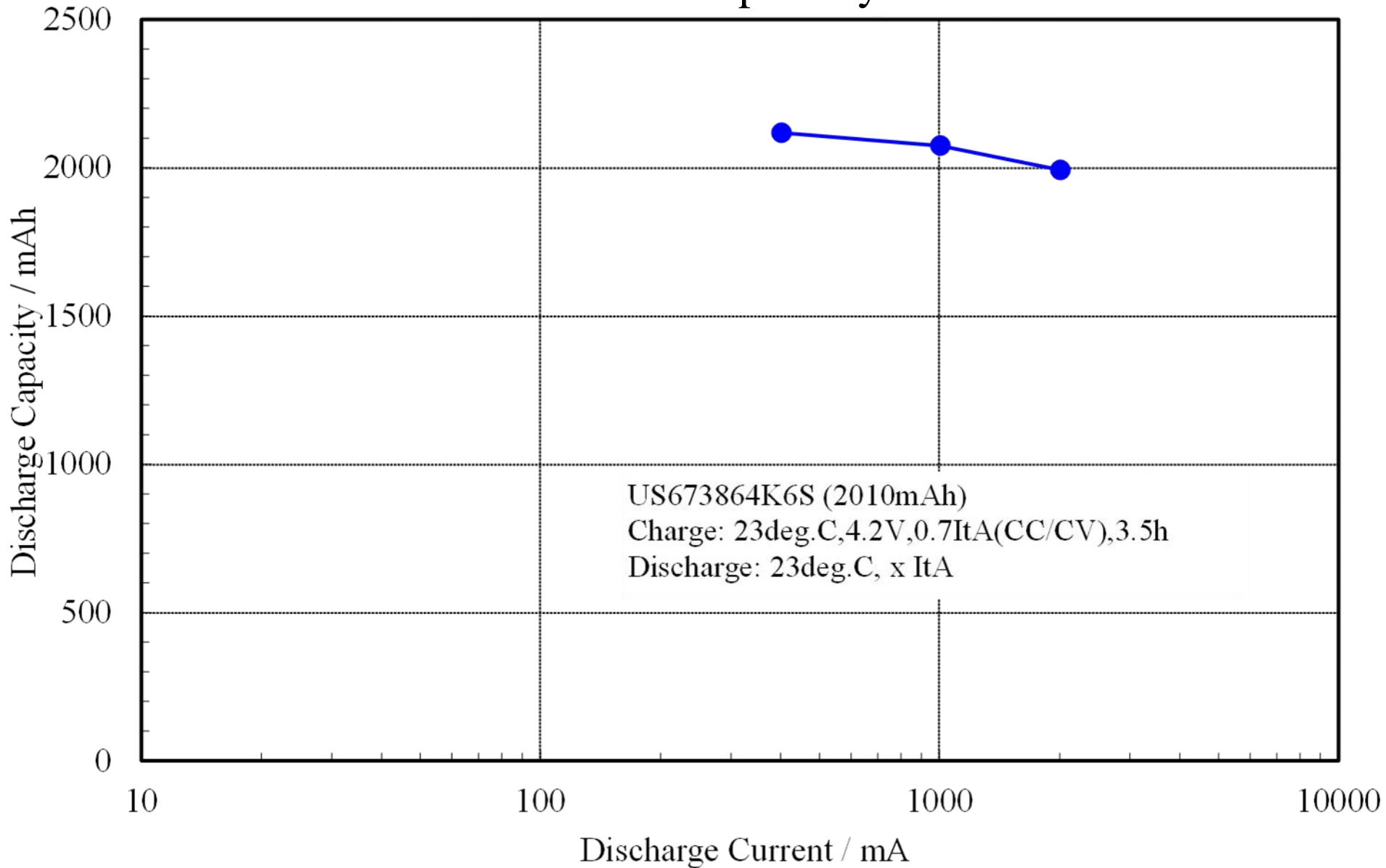
Charging Profile



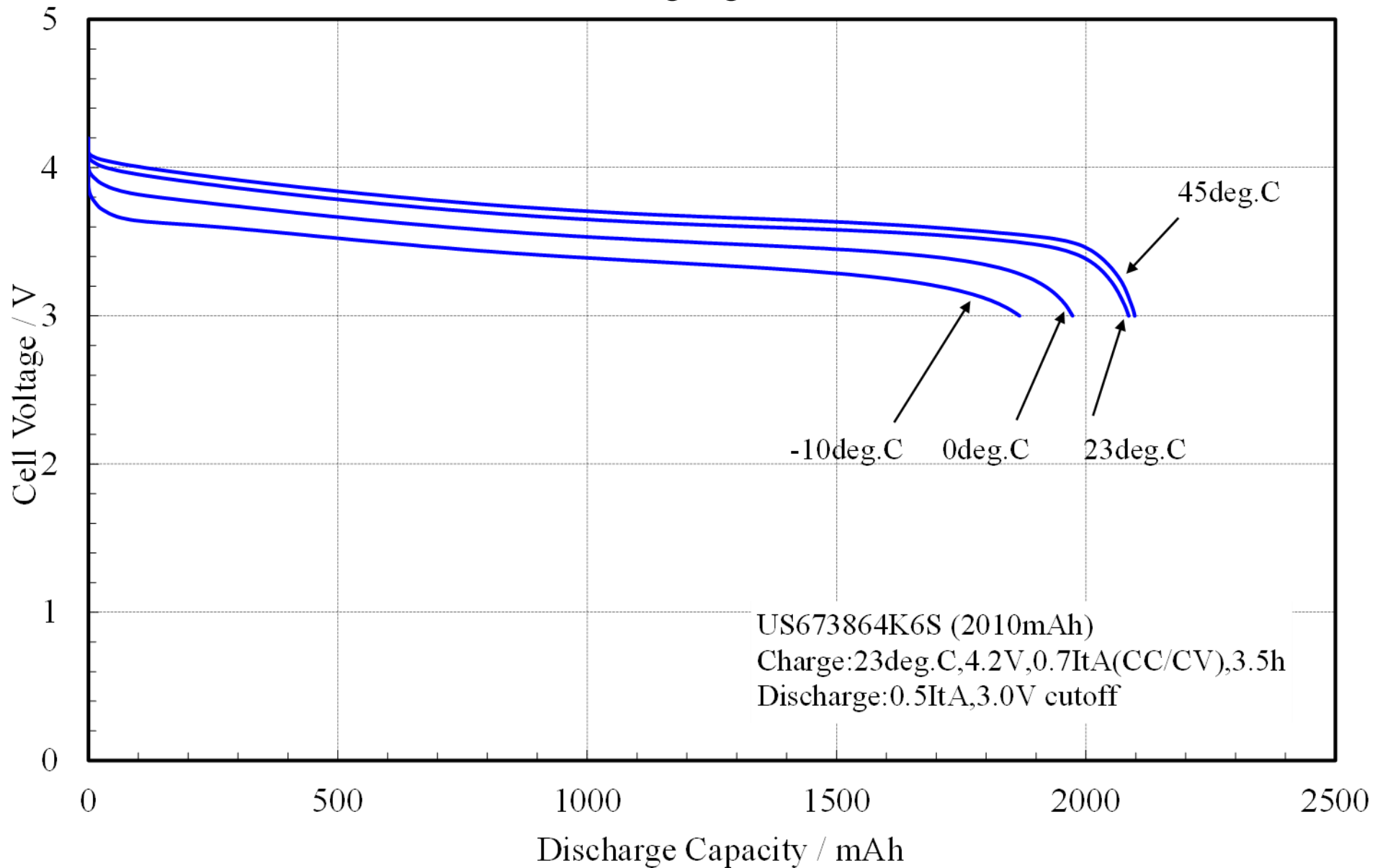
Discharging Profile



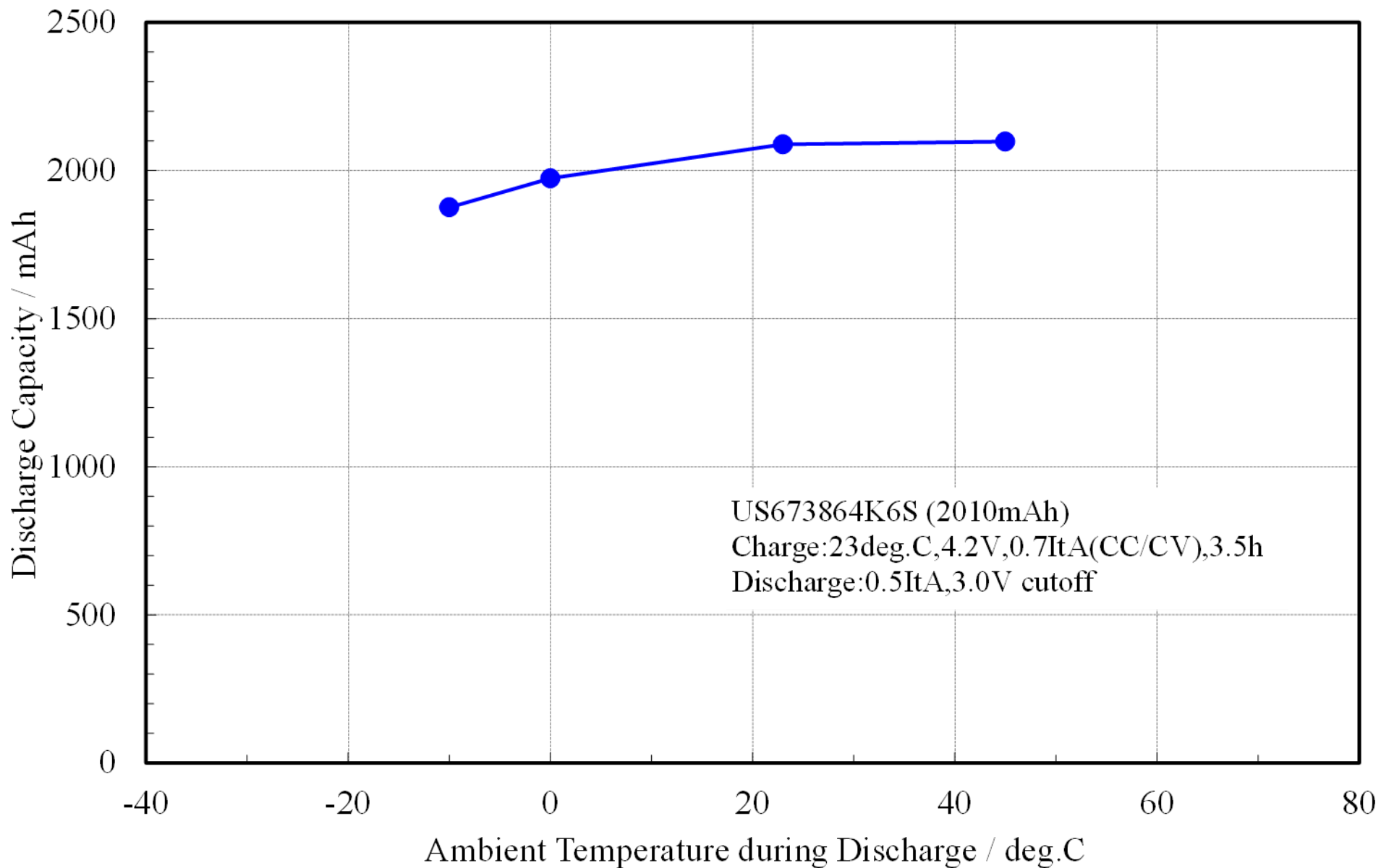
Drain Capability



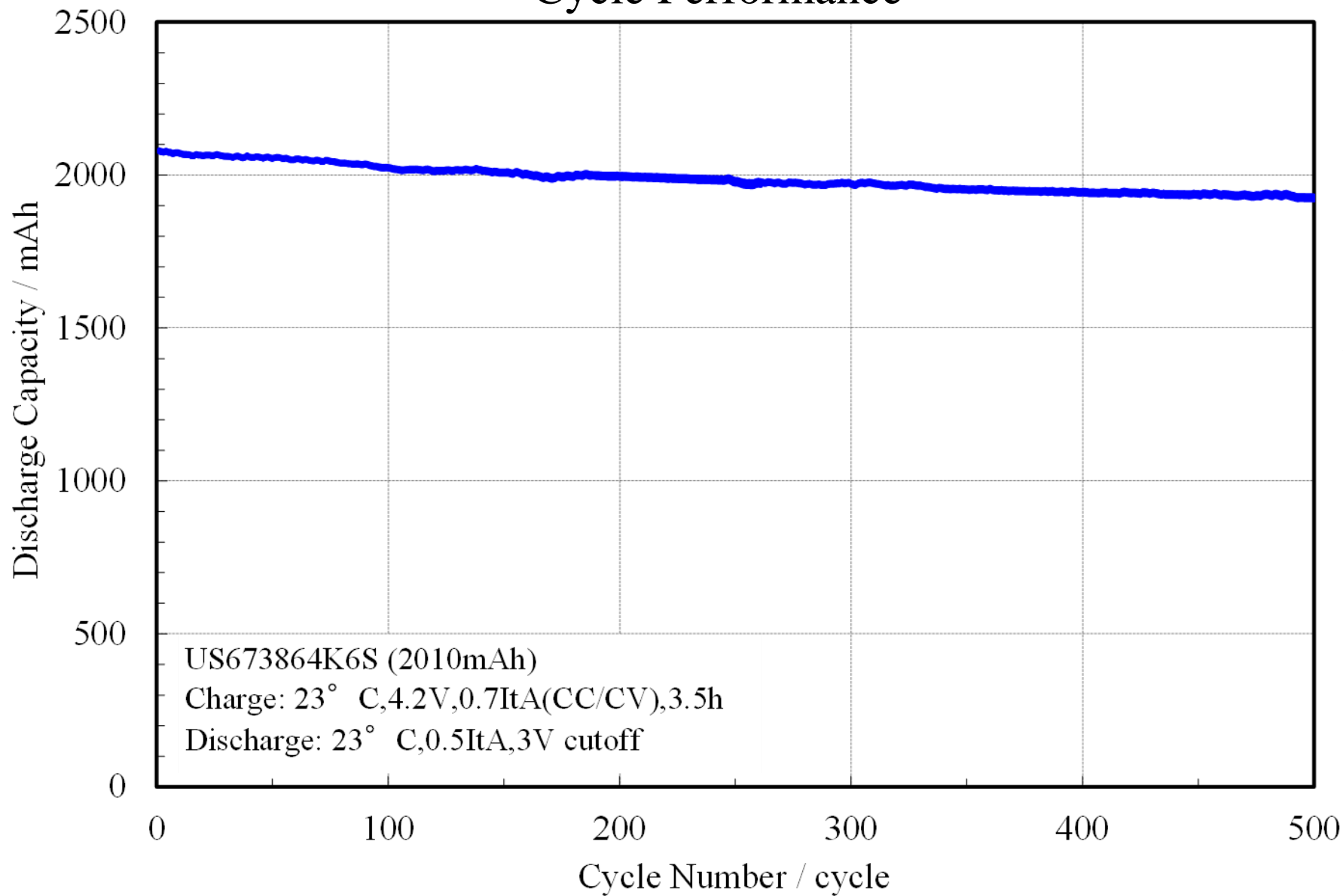
Discharging Profile



Discharging Temperature Performance



Cycle Performance



Cell Size (US673864K6S)

