

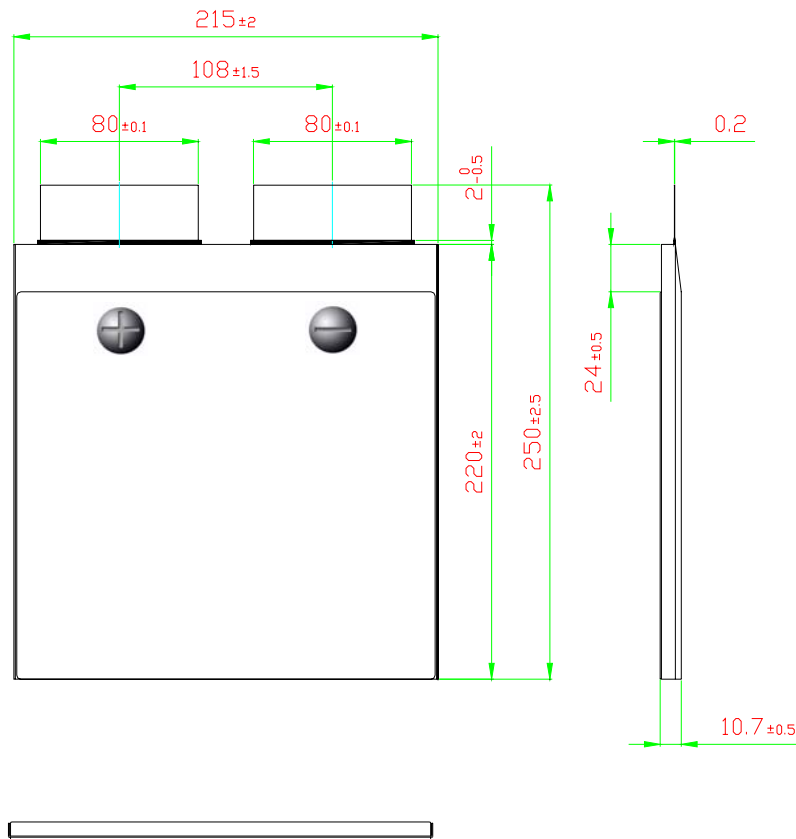
Cell Specification Data

SLPB 100216216H



Kokam Co., Ltd.

Cell Specification



● Typical Capacity ¹⁾		40.0 Ah
● Nominal Voltage		3.7 V
● Charge Condition	Max. Current	80.0 A
	Voltage	$4.2V \pm 0.03 V$
● Discharge Condition	Continuous Current	200.0 A
	Peak Current	400.0 A
	Cut-off Voltage	2.7 V
● Cycle Life [$@ 80\% \text{ DOD}$] ²⁾		> 1,200 Cycles
● Operating Temp.	Charge	$0 \sim 40 \text{ }^\circ\text{C}$
	Discharge	$-20 \sim 60 \text{ }^\circ\text{C}$
● Dimension	Thickness (mm)	10.7 ± 0.5
	Width (mm)	215 ± 2.0
	Length (mm)	220 ± 2.0
● Weight (g)		$1,100 \pm 40$

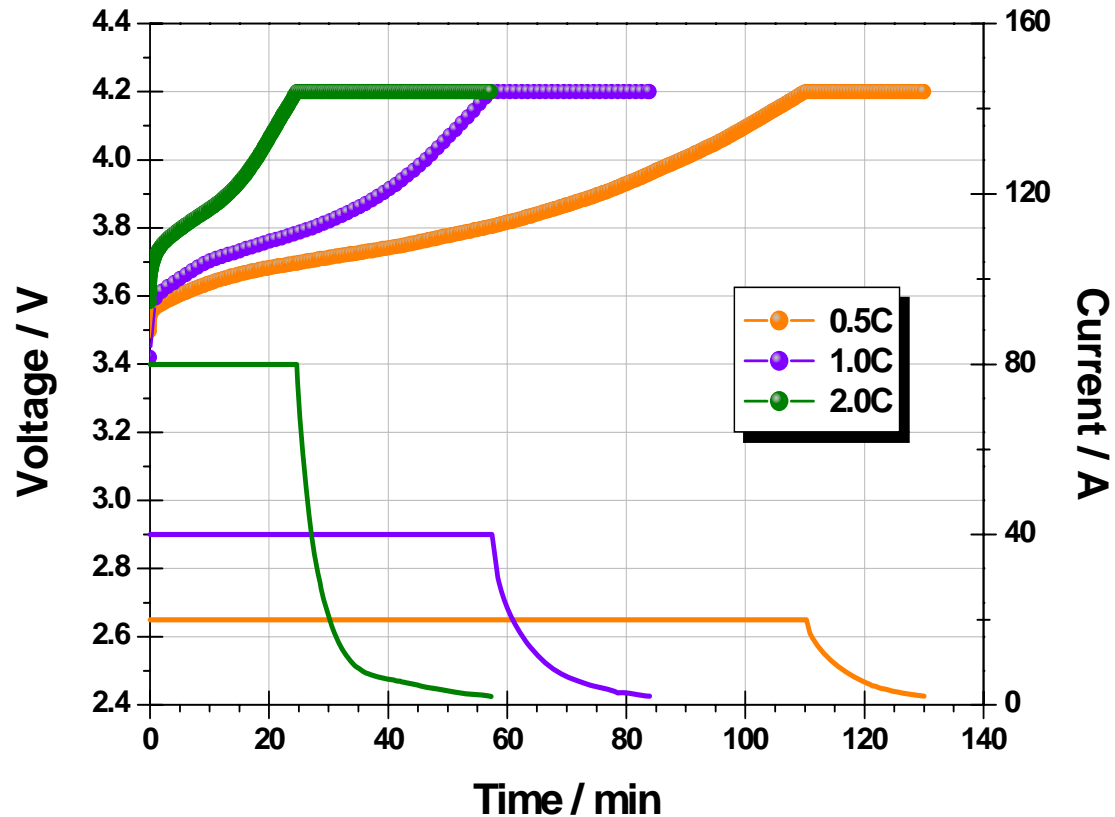
1) Typical Capacity : 0.5C, 4.2~2.7V @25°C

2) Voltage range : 4.15V ~ 3.40V

Charge Characteristics

SLPB 100216216H 1.0C = 40.0A

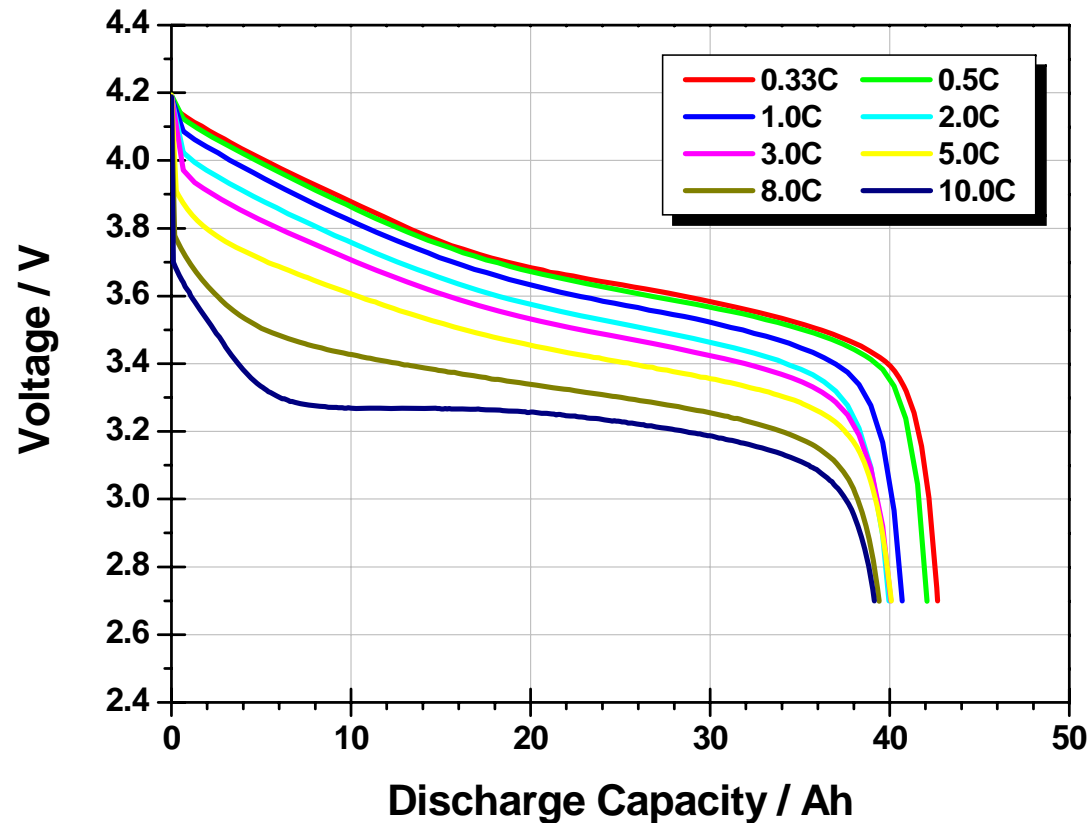
❖ Charge : CC-CV, 0.5C~ 2.0C, 4.2V, 2.0A Cut-off @ 23°C±3°C



Discharge Characteristics

SLPB 100216216H 1.0C = 40.0A

- ❖ Charge : CC-CV, 0.5C, 4.2V, 2.0A Cut-off @ 23°C±3°C
- ❖ Discharge : CC, 0.5C~10.0C, 2.7V Cut-off @ 23°C±3°C



Temperature Characteristics

SLPB 100216216H 1.0C = 40.0A

- ❖ Charge : CC-CV, 0.5C, 4.2V, 2.0A Cut-off @ 23°C±3°C
- ❖ Discharge : CC, 1.0C, 2.5V Cut-off @ each temp.
- ❖ Stand for 2hr @ Setting Temperature

