

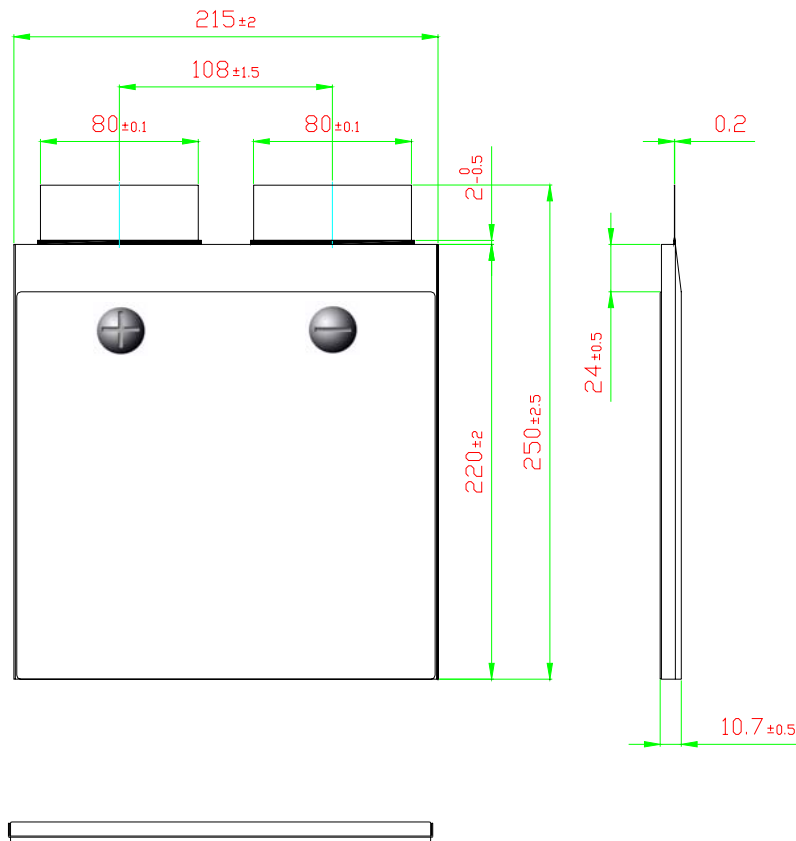
# Cell Specification Data

**SLPB 100216216H**



**Kokam Co., Ltd.**

## Cell Specification



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

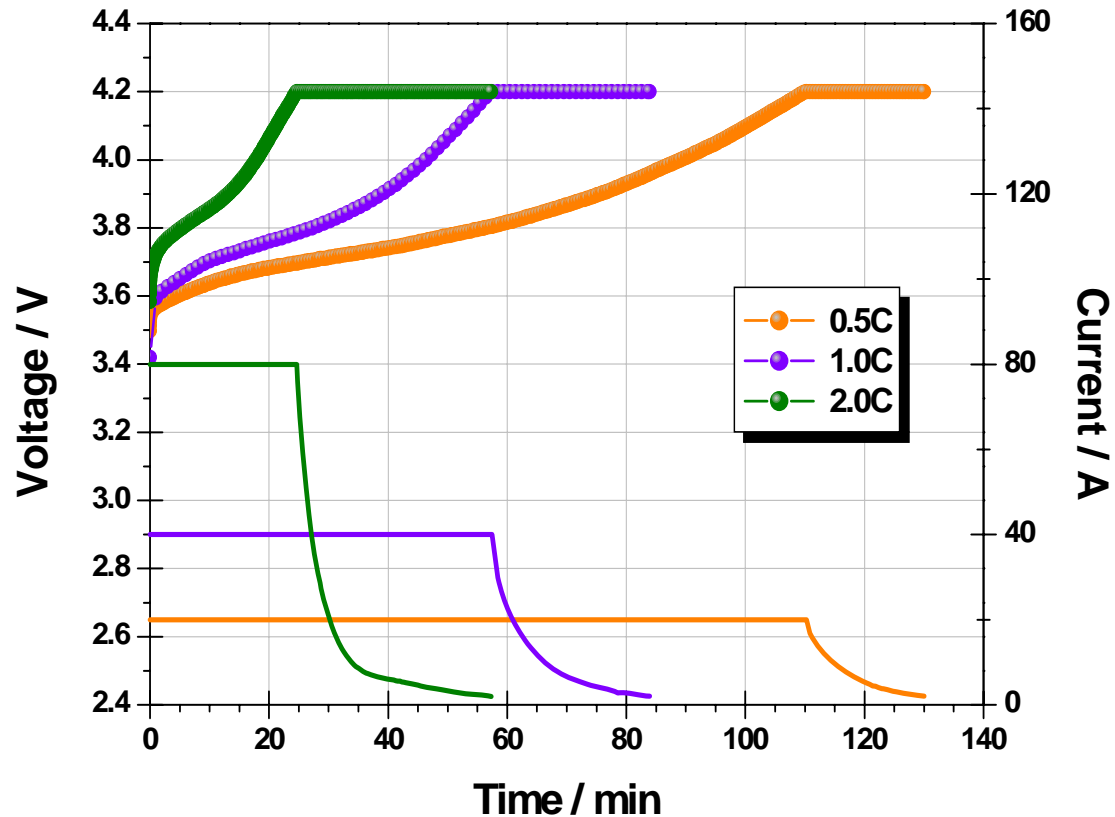
1) Typical Capacity : 0.5C, 4.2~2.7V @25°C

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

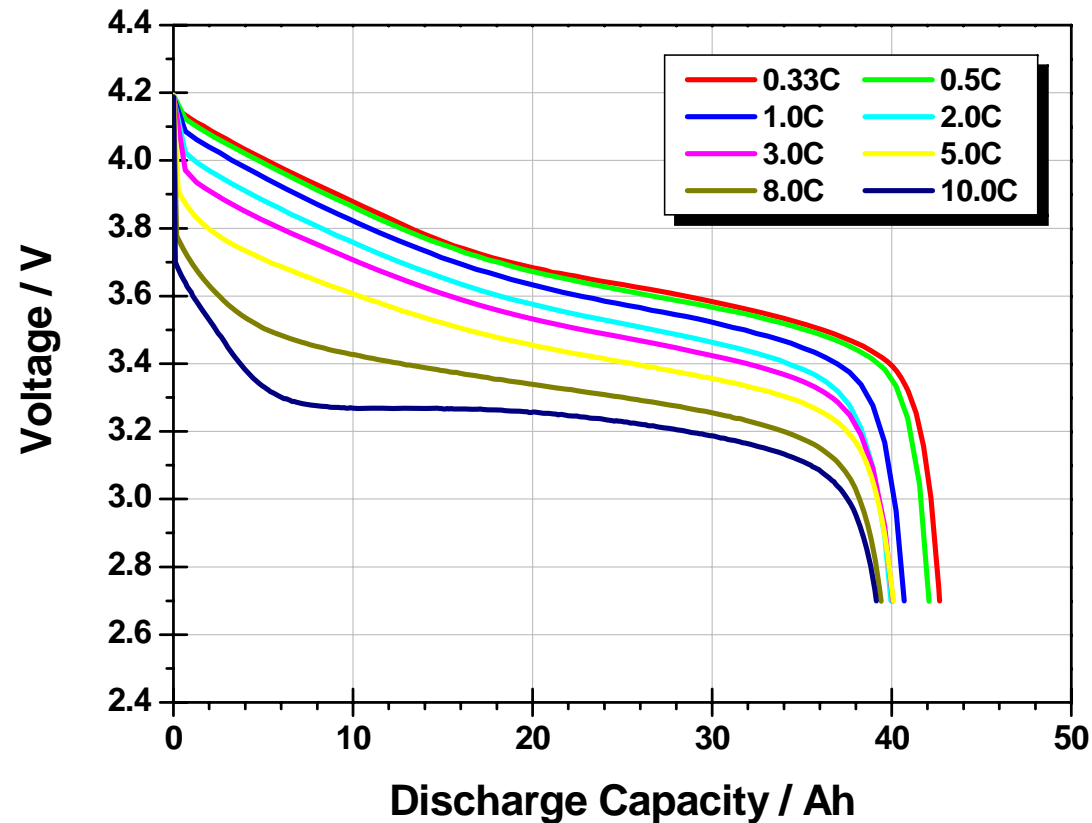


## Discharge Characteristics

**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

