

Cell Specification Data

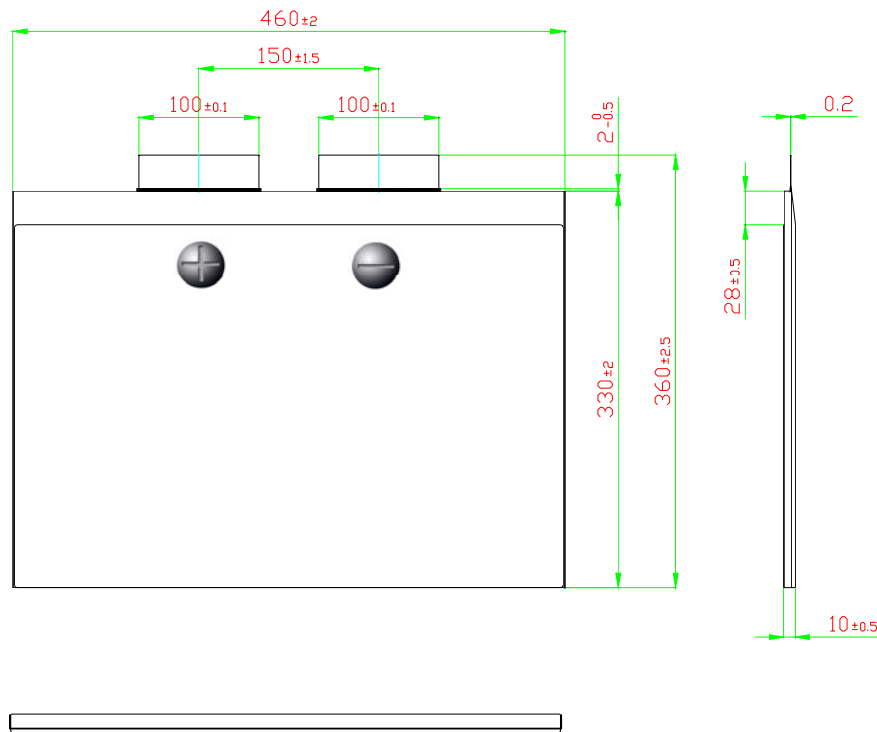
SLPB 100460330



Oct 4, 2006

Kokam Co., Ltd.

Cell Specification



● Typical Capacity ¹⁾		150.0 Ah
● Nominal Voltage		3.7 V
● Charge Condition	Max. Current	150.0 A
	Voltage	4.2V ± 0.03 V
● Discharge Condition	Continuous Current	150.0 A
	Peak Current	300.0 A
	Cut-off Voltage	2.7 V
● Cycle Life [@ 80% DOD] ²⁾		> 1,200 Cycles
● Operating Temp.	Charge	0 ~ 40 °C
	Discharge	-20 ~ 60 °C
● Dimension	Thickness (mm)	10.0 ± 0.5
	Width (mm)	460 ± 2.0
	Length (mm)	330 ± 2.0
● Weight (kg)		3.1 ± 0.15

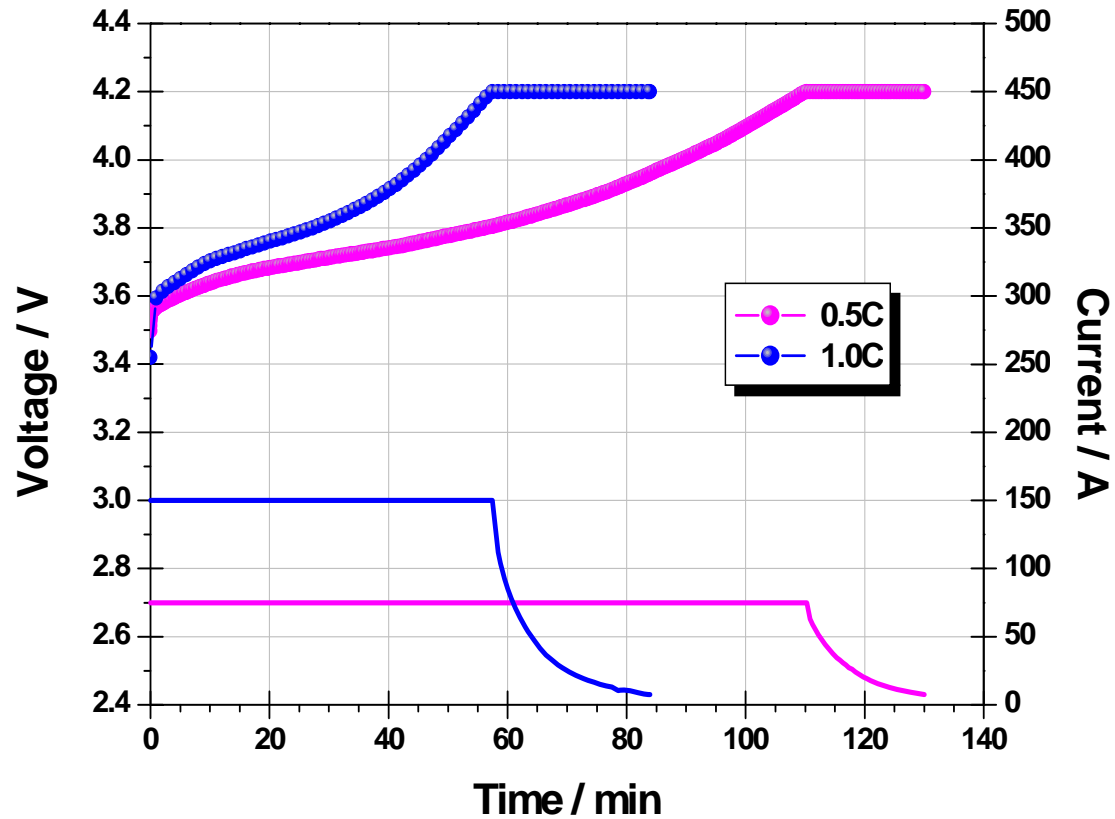
1) Typical Capacity : 0.5C, 4.2~2.7V @25°C

2) Voltage range : 4.15V ~ 3.40V

Charge Characteristics

SLPB 100460330 1.0C = 150A

❖ Charge : CC-CV, 0.5C / 1.0C, 4.2V, 7.5A Cut-off @ 23°C±3°C

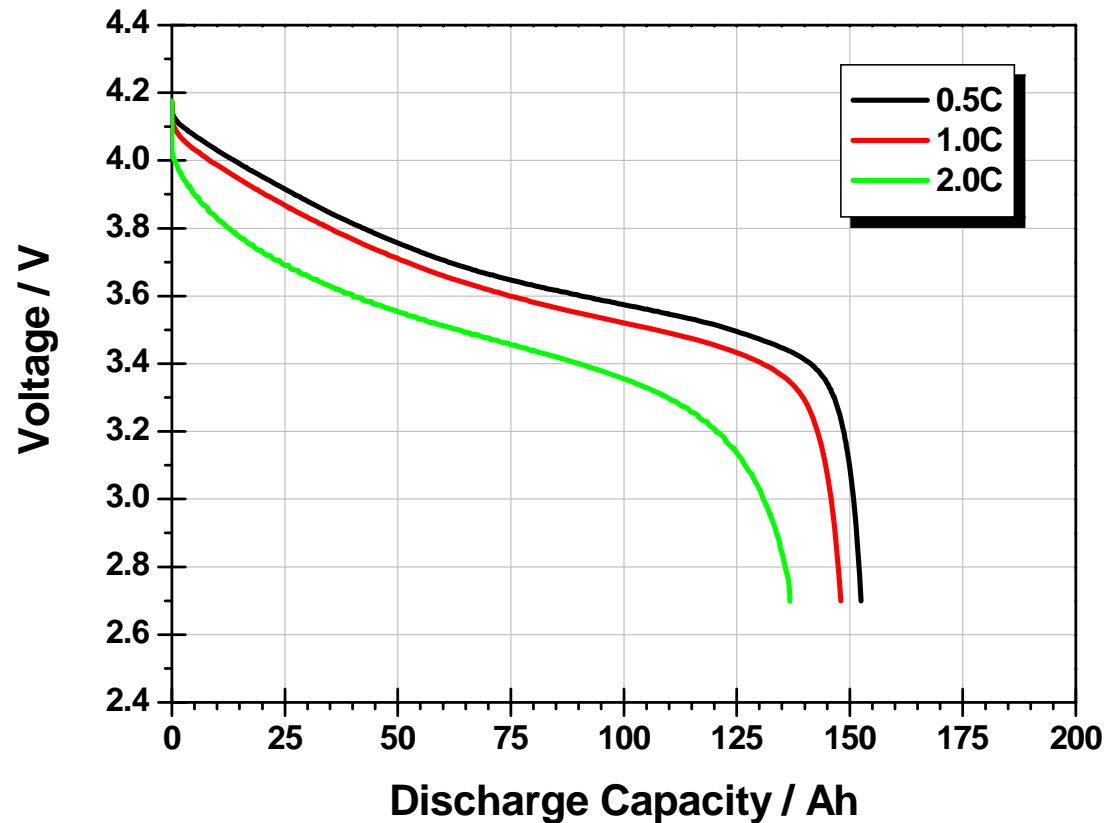


Discharge Characteristics

SLPB 100460330 1.0C = 150A

❖ Charge : CC-CV, 0.5C, 4.2V, 12.0A Cut-off @ 23°C±3°C

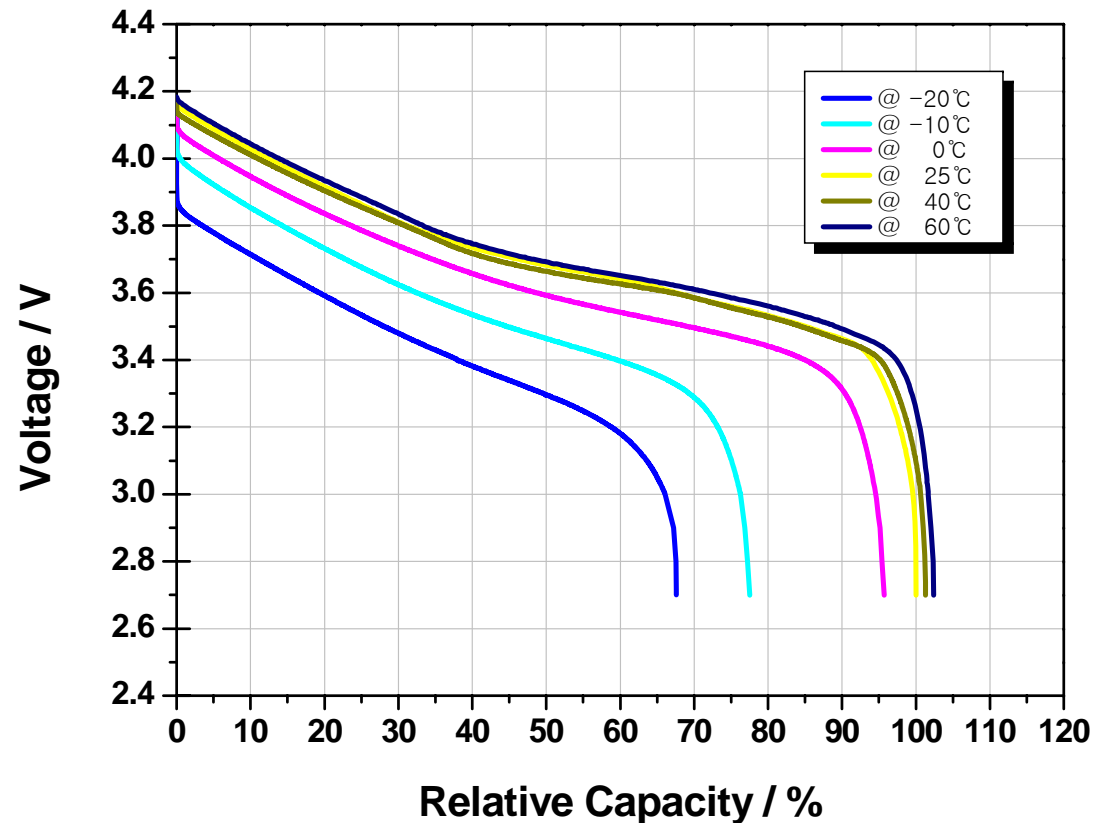
❖ Discharge : CC, 0.5C ~ 2.0C, 2.7V Cut-off @ 23°C±3°C



Temperature Characteristics

SLPB 100460330 1.0C = 150A

- ❖ Charge : CC-CV, 0.5C, 4.2V, 12.0A Cut-off @ 23°C±3°C
- ❖ Discharge : CC, 1.0C, 2.5V Cut-off @ each temp.
- ❖ Stand for 2hr @ Setting Temperature



Cycle Characteristics

SLPB 100460330 1.0C = 150A

❖ Charge : CC-CV, 1.0C, 4.15V, 12.0A Cut-off @ 23°C±3°C

❖ Discharge : CC, 1.0C, 3.40V Cut-off @ 23°C±3°C

