			Title		
			Lithium ion Rechargeable Cell Specification (SPB655060A2)		
	RESPONSIBLE	DATE	SIZE	DOCUMENT NO.	REV
AUTHORS			A4	CI12-5020	00
USER					
RELEASE			MANUAL CHANGE PROHIBITED		SHEET 1 OF 3

# *Lithium ion Rechargeable Cell Specification*


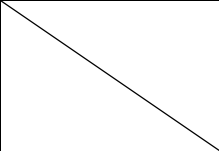
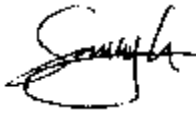
**SPB655060A2, 3.7V, 2.28Ah**

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Battery Specification (SPB655060A2)	A4	CI12-5020	00
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## 1. Descriptions

1.1 Description

Rechargeable Lithium ion Rechargeable Cell

1.2 Model

SPB655060A2

## 2. Nominal specification

Item		Specification
2.1 Nominal Capacity		2.28Ah (0.2C discharge)
2.2 Energy density	Volumetric	433Wh/L
	Gravimetric	201Wh/Kg
2.3 Nominal Voltage		3.7V
2.4 Operating Voltage Range		3.00V ~ 4.20V
2.5 Standard	Charge Current	1.14A (0.5C)
	Discharge Current	0.456A (0.2C)
2.6 Maximum	Charge Current	2.28A (1.0C)
	Discharge Current	4.56A (2.0C)
2.7 Operating Temperature	Charge	0°C ~ 45°C
	Discharge	-20°C ~ 60°C
2.8 Storage Temperature	0°C ~ 25°C	≤ 1Year
	0°C ~ 45°C	≤ 3Month
	-20°C ~ 55°C	≤ 1Month
2.9 Storage Humidity		45 ~ 85%RH
2.10 Cell size	Thickness	6.5 +0.2/-0.4mm (Initial fully charged Cell)
	Width	50.0 +0.0/-2.0mm
	Length	60.0 +2.0/-0.0mm
2.11 AC Impedance		Max. 25mΩ
2.12 Weight		Max. 42.0g

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### 3. Mechanical Drawings

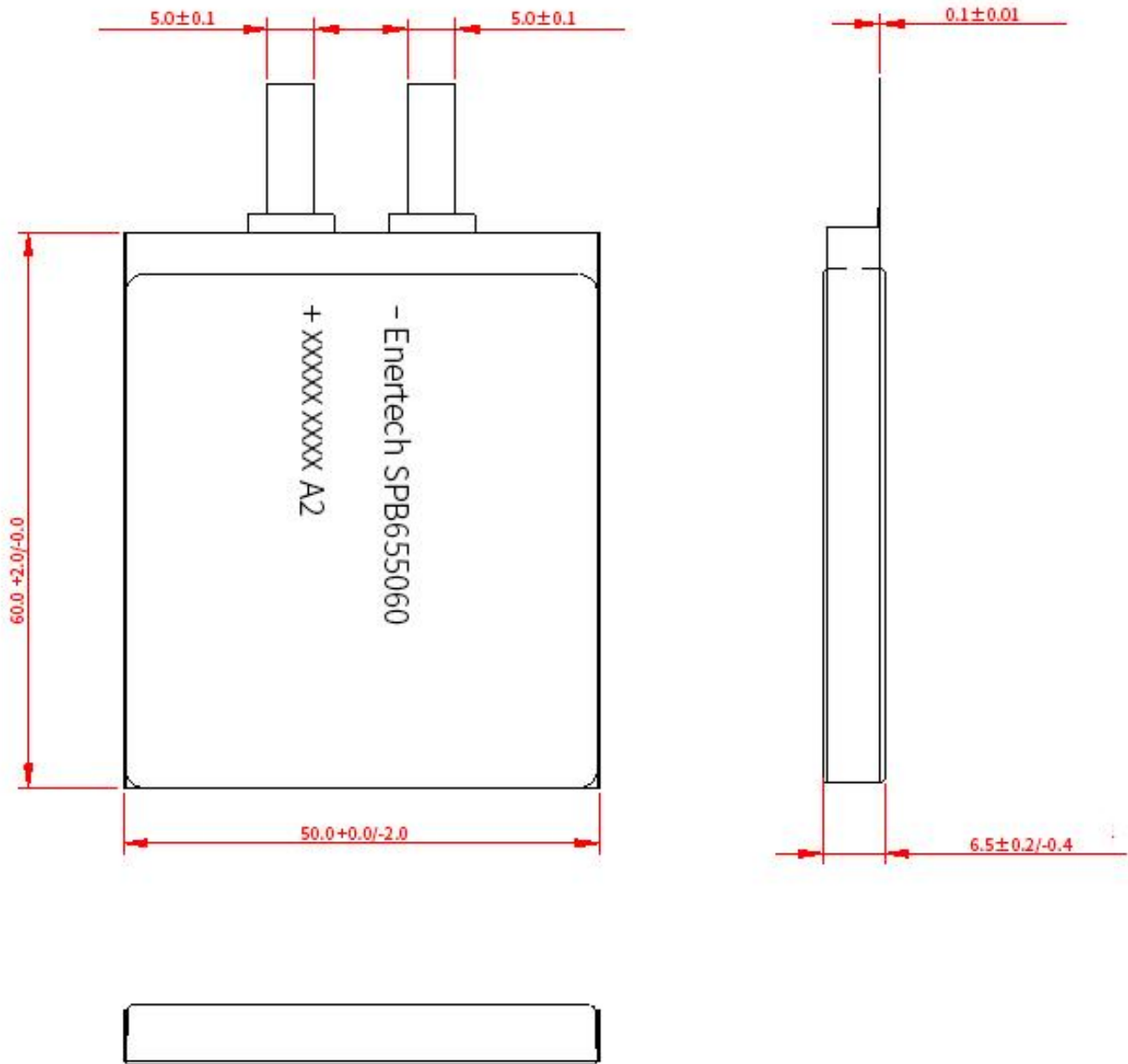


Figure 1 Lithium ion Rechargeable Cell Outline Drawing