			Title		
			Lithium ion Rechargeable Cell Specification (SPB704684A1)		
	RESPONSIBLE	DATE	SIZE	DOCUMENT NO.	REV
AUTHORS			A4	CI07-5020	00
USER					
RELEASE			MANUAL CHANGE PROHIBITED		SHEET 1 OF 3

Lithium ion Rechargeable Cell Specification


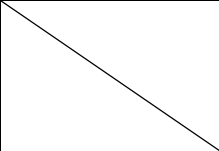
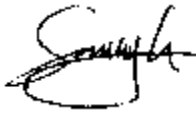
SPB704684A1, 3.7V, 3.3Ah

Enertech International, Inc.

269, Chungjuhosu-ro, Chungju-si, Chungcheongbuk-do, Korea

TEL: 82-43-850-1803 FAX: 82-43-855-9172

<http://www.enertechint.com>

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Battery Specification (SPB704684A1)	A4	CI07-5020	00
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1. Descriptions

1.1 Description	Rechargeable Lithium ion Rechargeable Cell
1.2 Model	SPB704684A1

2. Nominal specification

Item	Specification	
2.1 Nominal Capacity	3.3Ah(0.2C discharge)	
2.2 Energy density	Volumetric	451Wh/L
	Gravimetric	204Wh/Kg
2.3 Nominal Voltage	3.7V	
2.4 Operating Voltage Range	3.00V ~ 4.20V	
2.5 Standard	Charge Current	1.65A (0.5C)
	Discharge Current	0.66A (0.2C)
2.6 Maximum	Charge Current	3.3A (1.0C)
	Discharge Current	6.6A (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	7.0 +0.2/-0.4mm (Initial fully charged Cell)
	Width	46.0 ±1.0mm
	Length	84.0 ±1.0mm
2.11 AC Impedance	Max. 20mΩ	
2.12 Weight	Max. 60.0g	

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Battery Specification (SPB704684A1)	A4	CI07-5020	00
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3. Mechanical Drawings

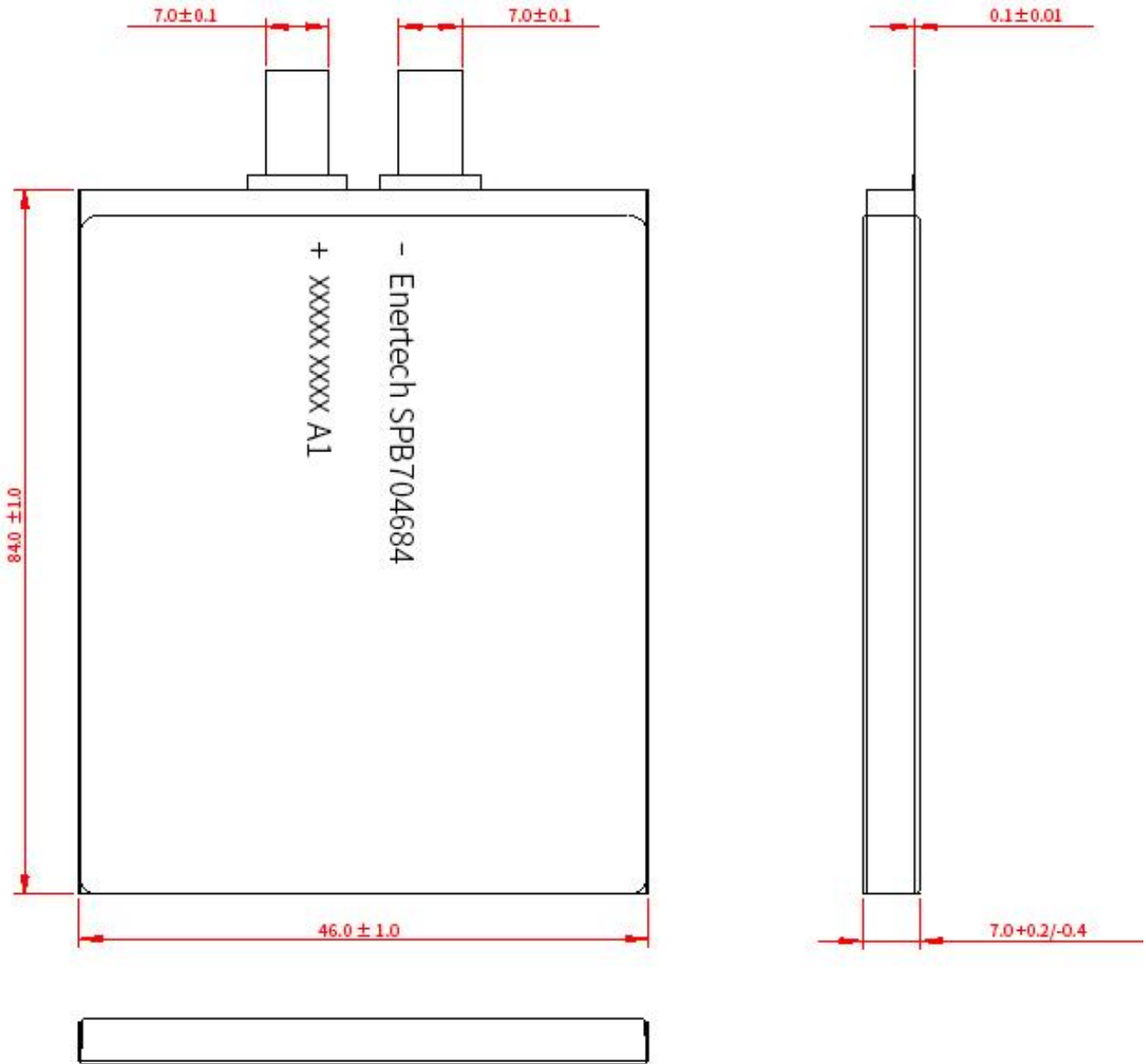


Figure 1 Lithium ion Rechargeable Cell Outline Drawing