			Title		
			Lithium ion Rechargeable Cell Specification (SPB98190260V2)		
	RESPONSIBLE	DATE	SIZE	DOCUMENT NO.	REV
AUTHORS			A4	CE20-5020	00
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Lithium ion Rechargeable Cell Specification


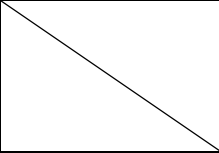
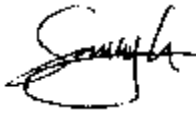
SPB98190260V2, 3.75V, 40.0Ah

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Battery Specification (SPB98190260V2)	A4	CE20-5020	00
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1. Descriptions

1.1 Description	Rechargeable Lithium ion Rechargeable Cell
1.2 Model	SPB98190260V2

2. Nominal specification

Item	Specification	
2.1 Nominal Capacity	40.0Ah (0.5C discharge)	
2.2 Energy density	Volumetric	310Wh/L
	Gravimetric	158Wh/Kg
2.3 Nominal Voltage	3.75V	
2.4 Operating Voltage Range	3.00V ~ 4.20V	
2.5 Standard	Charge Current	20.0A (0.5C)
	Discharge Current	20.0A (0.5C)
2.6 Maximum*	Charge Current	80.0A (2.0C)
	Discharge Current	200.0A (5.0C)
2.7 Operating Temperature	Charge	0°C ~ 55°C
	Discharge	-20°C ~ 55°C
	Recommend	25 ± 3°C
2.8 Storage Temperature	-20°C ~ 25°C	≤ 1Year
	-20°C ~ 55°C	≤ 1Month
2.9 Storage Humidity	45 ~ 85%RH	
2.10 Cell size	Thickness	9.8 ± 0.5mm (Initial fully charged Cell)
	Width	187.0 ± 3.0mm
	Length	260.0 ± 3.0mm
2.11 AC Impedance	Max. 2.0mΩ	
2.12 Weight	Max. 950g	

* Maximum Current is not for the continuous cycle condition, only check the cell performance.

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3. Mechanical Drawings

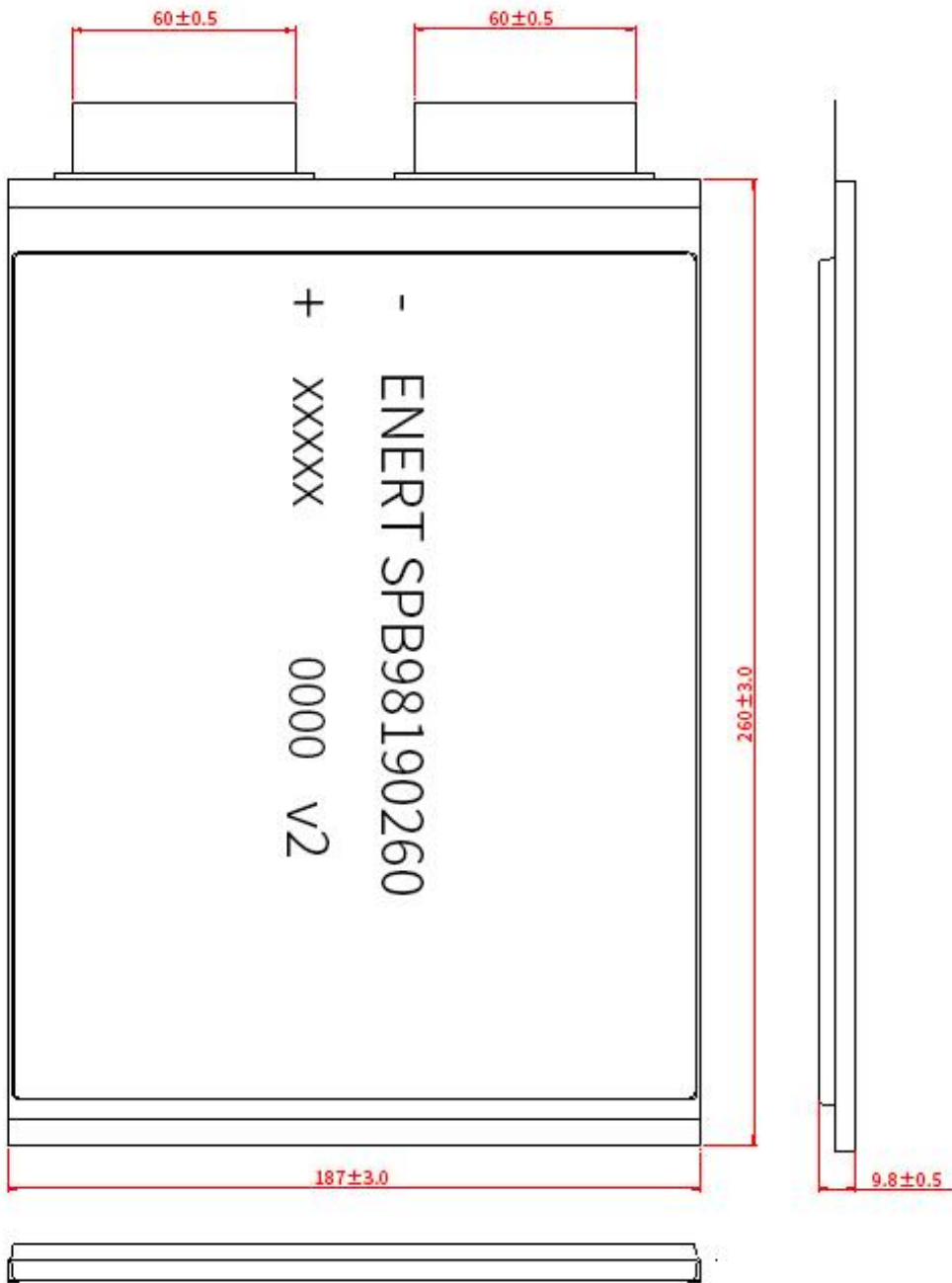


Figure 1 Lithium ion Rechargeable Cell Outline Drawing