
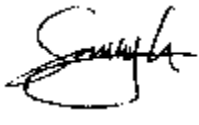
			Title		
			<b>Lithium ion Rechargeable Cell Specification (SPB70115145V1)</b>		
	RESPONSIBLE	DATE	SIZE	DOCUMENT NO.	REV
AUTHORS	WS EOM	May.31.2021	A4	CE07-5020	00
USER					
RELEASE			<b>MANUAL CHANGE PROHIBITED</b>		SHEET 1 OF 3

# *Lithium ion Rechargeable Cell Specification*

**SPB70155145V1, 3.7V, 12.0Ah**

## 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>

	Issued	Checked	Approved
Enertech International, Inc.		/	

**CONFIDENTIAL / SENSITIVE INFORMATION**

Note: This document and any attachments may be proprietary, privileged and confidential, or otherwise protected from disclosure. If the reader of this document is not the intended recipient, or an employee or agent responsible for delivering this document to the intended recipient, you are hereby notified that you are not authorized to read, print, retain or copy this document or any part of it, and that any dissemination or distribution of this message is strictly prohibited. If you have received this document in error, please notify the person who delivered it immediately and destroy all copies of this document.

TITLE	SIZE	DOCUMENT NO.	REV
Simplified Specification (SPB70115145V1)	A4	CE07-5020	00
	MANUAL CHANGE PROHIBITED		SHEET 2 OF 3

## 1. Descriptions

1.1 Description

Rechargeable Lithium ion Rechargeable Cell

1.2 Model

SPB70115145V1

## 2. Nominal specification

Item	Specification	
2.1 Nominal Capacity	12.0Ah (0.5C discharge)	
2.2 Energy density	Volumetric	380Wh/L
	Gravimetric	185Wh/Kg
2.3 Nominal Voltage	3.7V	
2.4 Operating Voltage Range	3.00V ~ 4.20V	
2.5 Standard	Charge Current	6.0A (0.5C)
	Discharge Current	6.0A (0.5C)
2.6 Maximum*	Charge Current	12.0A (1.0C)
	Discharge Current	24.0A (2.0C) ( $\leq 10\text{sec}$ , $\geq \text{SOC}50\%$ )
2.7 Operating Temperature	Charge	0°C ~ 45°C
	Discharge	-20°C ~ 55°C
	Recommend	25 $\pm$ 3°C
2.8 Storage Temperature	0°C ~ 25°	$\leq 1\text{Year}$
	0°C ~ 45°C	$\leq 3\text{Month}$
	-20°C ~ 55°C	$\leq 1\text{Month}$
2.9 Storage Humidity	45 ~ 85%RH	
2.10 Cell size	Thickness	7.0 +0.0/-0.5mm (Initial fully charged Cell)
	Width	115.0 $\pm$ 2.0mm
	Length	145.0 $\pm$ 2.0mm
2.11 AC Impedance	Max. 3.0m $\Omega$	
2.12 Weight	Max. 240g	

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

TITLE	SIZE	DOCUMENT NO.	REV
Simplified Specification (SPB70115145V1)	A4	CE07-5020	00
	MANUAL CHANGE PROHIBITED		SHEET 3 OF 3

### 3. Mechanical Drawings

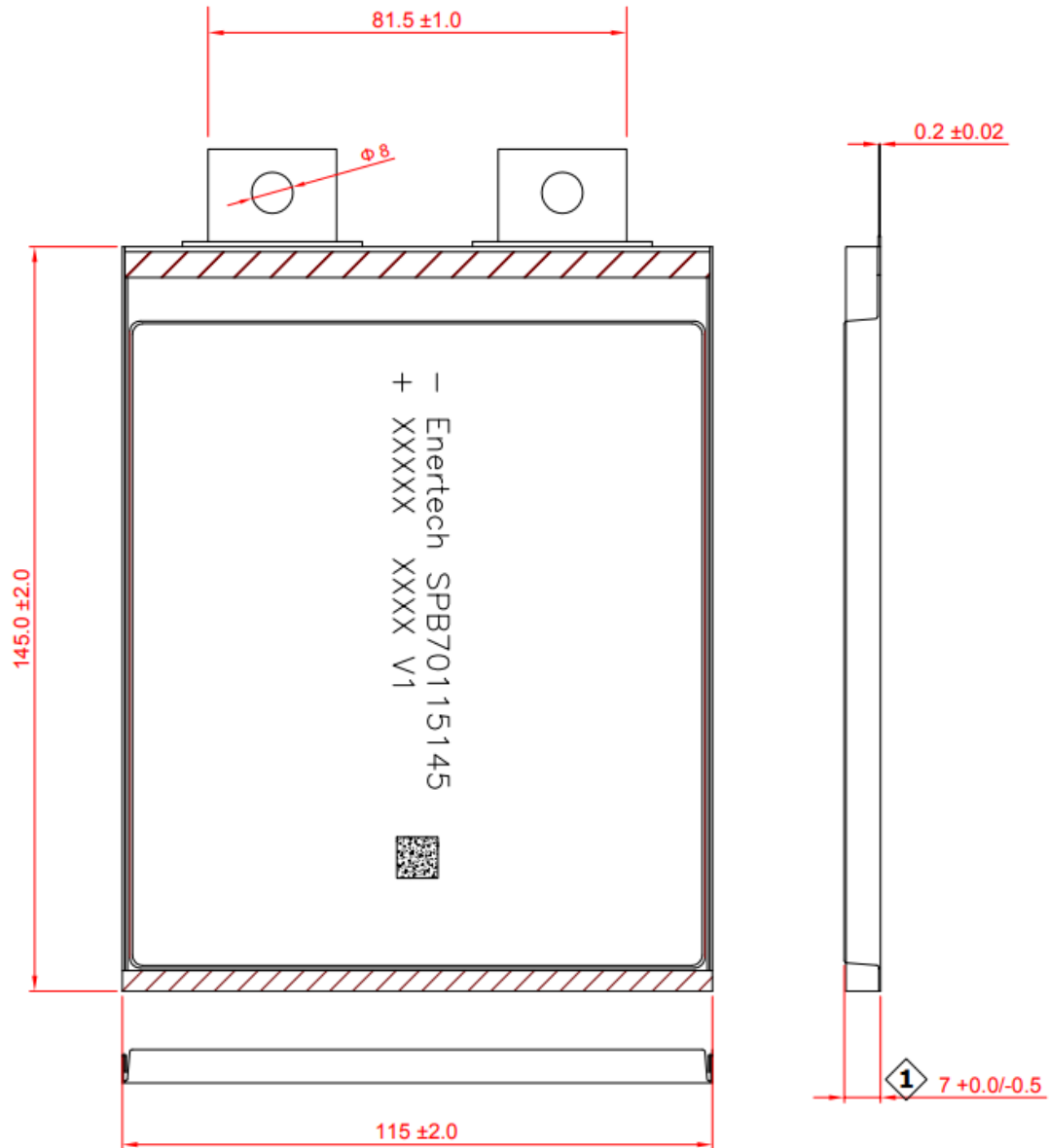


Figure 1 Lithium ion Rechargeable Cell Outline Drawing