
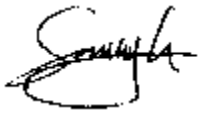
			Title		
			Lithium ion Rechargeable Cell Specification (SPB58253172 P25B)		
	RESPONSIBLE	DATE	SIZE	DOCUMENT NO.	REV
AUTHORS	JI KIM	May.31.2021	A4	CE19-5020	00
USER					
RELEASE			MANUAL CHANGE PROHIBITED		SHEET 1 OF 3

Lithium ion Rechargeable Cell Specification

SPB58253172 P25B, 3.7V, 25.0Ah

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 (SPB58253172 P25B)	A4	CE19-5020	00
	MANUAL CHANGE PROHIBITED		SHEET 2 OF 3

1. Descriptions

1.1 Description

Rechargeable Lithium ion Rechargeable Cell

1.2 Model

SPB58253172 P25B

2. Nominal specification

Item		Specification
2.1 Nominal Capacity		25.0Ah (0.5C discharge)
2.2 Energy density	Volumetric	366Wh/L
	Gravimetric	185Wh/Kg
2.3 Nominal Voltage		3.7V
2.4 Operating Voltage Range		2.70V ~ 4.20V
2.5 Standard	Charge Current	12.5A (0.5C)
	Discharge Current	12.5A (0.5C)
2.6 Maximum*	Charge Current	75.0A (3.0C)
	Discharge Current	125.0A (5.0C)
	Peak Discharge	175.0A (7.0C) ($\leq 10\text{sec}$, $\geq \text{SOC}50\%$)
2.7 Operating Temperature	Charge	0°C ~ 55°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	5.8 +0.2/-0.4mm (Initial fully charged Cell)
	Width	253.0 \pm 1.0mm
	Length	172.0 \pm 1.0mm
2.11 AC Impedance		Max. 1.5m Ω
2.12 Weight		Max. 500.0g

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

TITLE	SIZE	DOCUMENT NO.	REV
Simplified Specification (SPB58253172 P25B)	A4	CE19-5020	00
	MANUAL CHANGE PROHIBITED		SHEET 3 OF 3

3. Mechanical Drawings

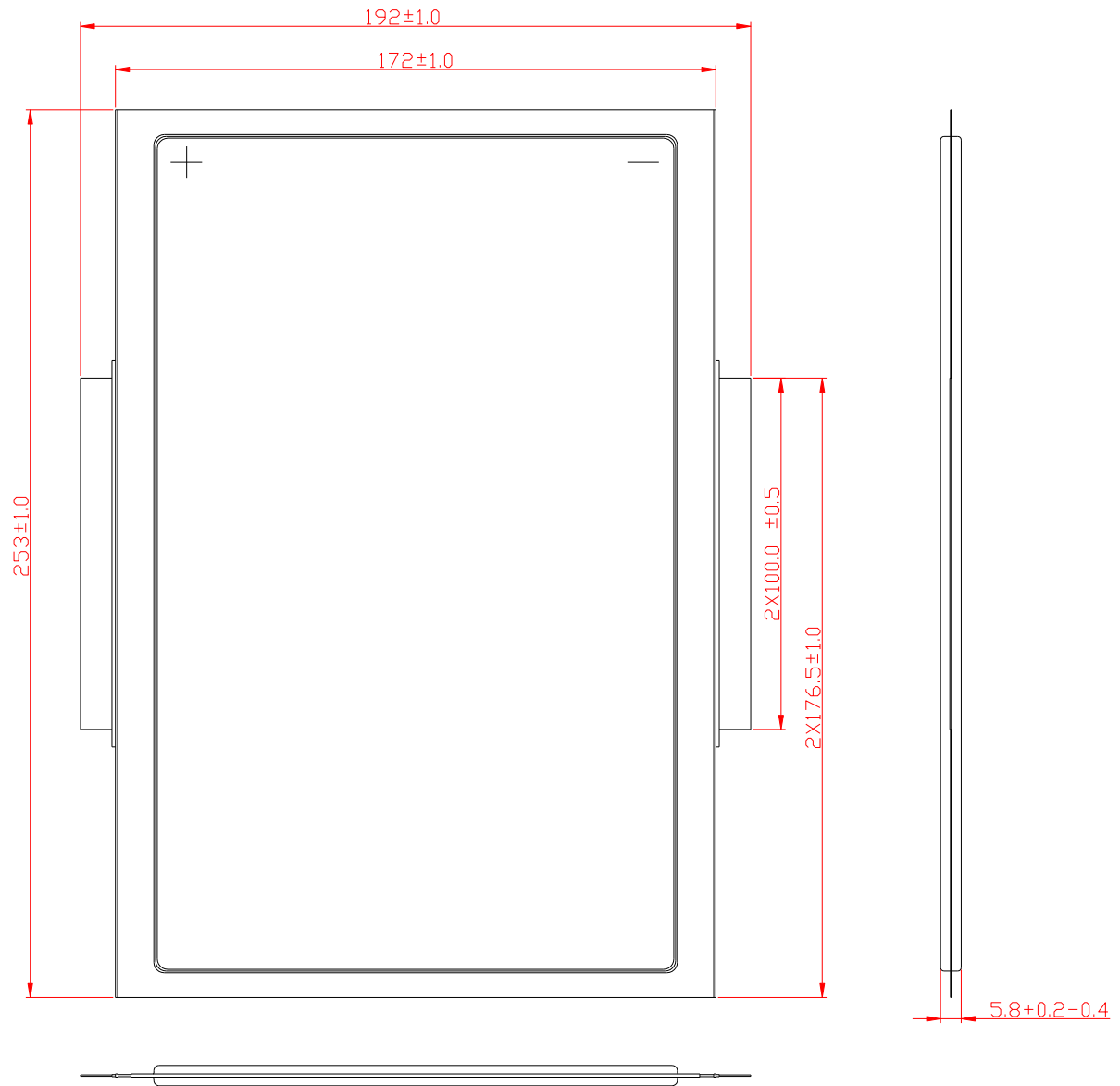


Figure 1 Lithium ion Rechargeable Cell Outline Drawing