


| | | | | | |
|---|-------------|------|--|--------------|--------------|
|  | | | Title | | |
| | | | Lithium ion Rechargeable Cell Specification (SPB58253172P4) | | |
| | RESPONSIBLE | DATE | SIZE | DOCUMENT NO. | REV |
| AUTHORS | | | A4 | CE19-5020 | 00 |
| USER | | | | | |
| RELEASE | | | MANUAL CHANGE PROHIBITED | | SHEET 1 OF 3 |

Lithium ion Rechargeable Cell Specification


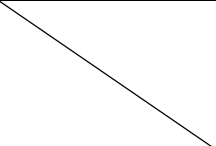
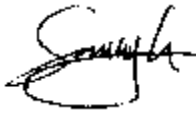
SPB58253172P4, 3.7V, 25.0Ah

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>

| | | | |
|------------------------------------|---|--|---|
| Enertech International, Inc. | Issued | Checked | Approved |
| |  |  |  |

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 |
|--|--------------------------|--------------|--------------|
| Battery Specification (SPB58253172P4) | A4 | CE19-5020 | 00 |
| | MANUAL CHANGE PROHIBITED | | SHEET 2 OF 3 |

1. Descriptions

| | |
|-----------------|--|
| 1.1 Description | Rechargeable Lithium ion Rechargeable Cell |
| 1.2 Model | SPB58253172P4 |

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) |
| 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 | 5.8 +0.2/-0.4mm (Initial fully charged Cell) |
| | Width | 253.0 ± 1.0mm |
| | Length | 172.0 ± 1.0mm |
| 2.11 AC Impedance | Max. 1.5mΩ | |
| 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 |
|--|--------------------------|--------------|--------------|
| Battery Specification (SPB58253172P4) | A4 | CE19-5020 | 00 |
| | MANUAL CHANGE PROHIBITED | | SHEET 3 OF 3 |

3. Mechanical Drawings

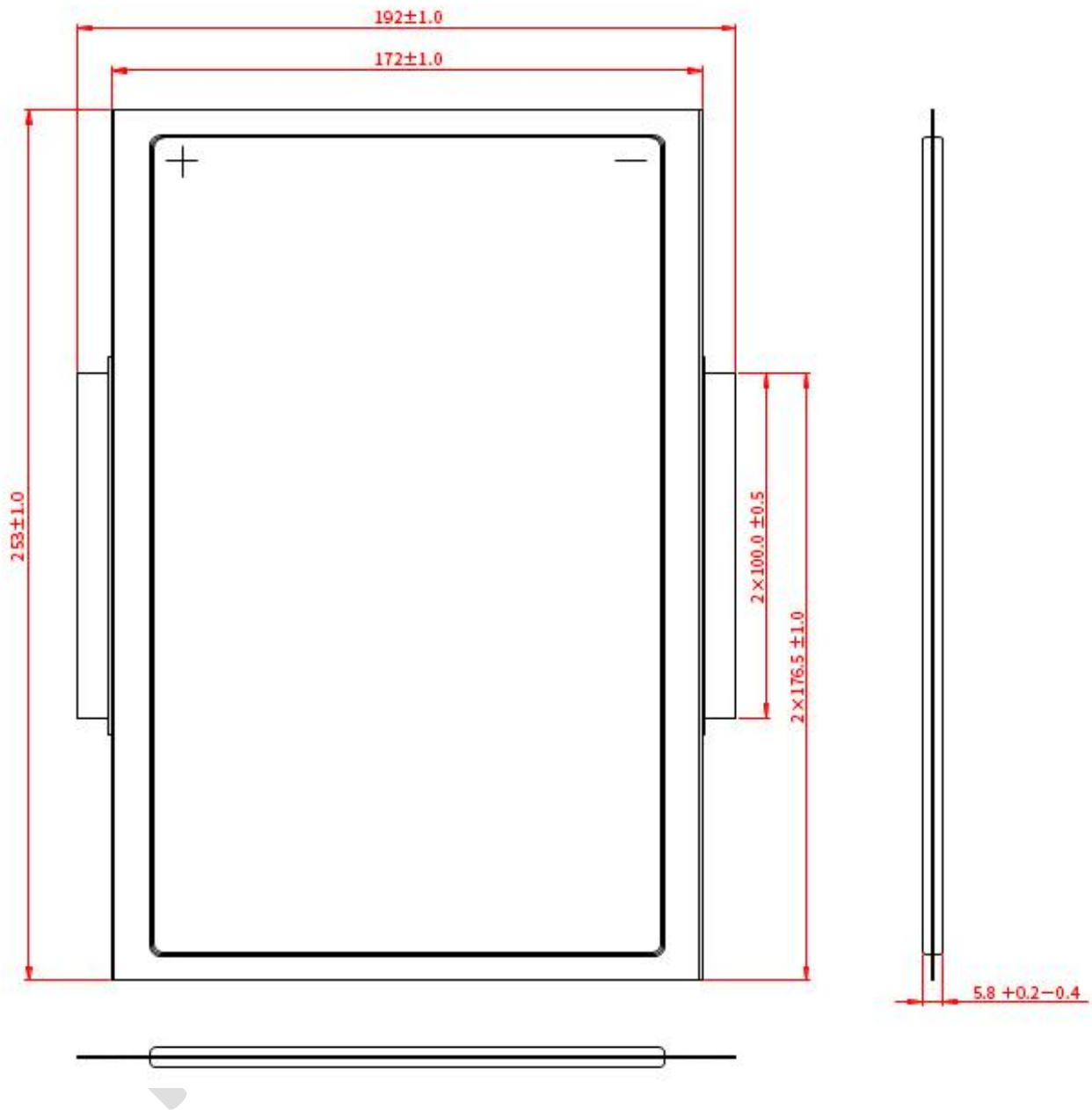


Figure 1 Lithium ion Rechargeable Cell Outline Drawing