



**FDK CORPORATION**

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## **Certificate of Compliance**

**Product Name : Primary Lithium Battery**

**Model : CR2032v**

**This is to certify that  
the lithium batteries being delivered to  
CompuPack Technology Co., LTD satisfy  
IEC Standard ( IEC 60086-4).**

**Date: October 1, 2014**

**Satoru Naruse  
Senior Manager  
FDK CORPORATION**

**FDK TOTTORI CO., LTD.  
Battery Development Department**

## Safety Test Results

IEC 60086-4 : 2007

Celltype : CR2032v

| Test Item                                  | n  | Criteria                      | Results                       | Judgement |
|--|----|-------------------------------|-------------------------------|-----------|
| <b>Intended use test</b>                   |    |                               |                               |           |
| A - Altitude                               | 10 | NC, NL, NM, NV,<br>NF, NR, NE | NC, NL, NM, NV,<br>NF, NR, NE | ○         |
| B - Thermal cycling                        | 10 | NC, NL, NM, NV,<br>NF, NR, NE | NC, NL, NM, NV,<br>NF, NR, NE | ○         |
| C - Vibration                              | 10 | NC, NL, NM, NV,<br>NF, NR, NE | NC, NL, NM, NV,<br>NF, NR, NE | ○         |
| D - Shock                                  | 10 | NC, NL, NM, NV,<br>NF, NR, NE | NC, NL, NM, NV,<br>NF, NR, NE | ○         |
| <b>Reasonably foreseeable misuse tests</b> |    |                               |                               |           |
| E - External short-circuit                 | 5  | NT, NF, NR, NE                | NT, NF, NR, NE                | ○         |
| F - Impact                                 | 5  | NT, NF, NE                    | NT, NF, NE                    | ○         |
| G - Crush                                  | 5  | NT, NF, NE                    | NT, NF, NE                    | ○         |
| H - Forced discharge                       | 5  | NF, NE                        | NF, NE                        | ○         |
| I - Abnormal charging                      | 5  | NF, NE                        | NF, NE                        | ○         |
| J - Free Fall                              | 5  | NV, NF, NE                    | NV, NF, NE                    | ○         |
| K - Thermal abuse                          | 5  | NF, NE                        | NF, NE                        | ○         |

Judgement ○:Passed ×:Failed