**Precautions and Safety Instructions**

Lithium-Ion rechargeable batteries subject to abusive conditions can cause damage to the cell and/or personal injury. Please read

and observe the standard cell precautions below before using utilization.

Note 1. The customer is required to contact Jiangsu FREY Battery Technology Co., LTD. in advance, if and when the

customer needs other applications or operating conditions than those described in this document.

Note 2. Jiangsu FREY Battery Technology Co., LTD .will take no responsibility for any accident when the cell is used under other  
conditions than those described in this Document.

12.1 Standard cell Precautions

a. Do not expose the cell to extreme heat or flame.

b. Do not short circuit, over-charge or over-discharge the cell.

c. Do not subject the cell to strong mechanical shocks.

d. Do not immerse the cell in water or sea water, or get it wet..

f. Do not disassemble or modify the cell.

g. Do not handle or store with metallic like necklaces, coins or hairpins, etc.

h. Do not use the cell with conspicuous damage or deformation.

i. Do not connect cell to the plug socket or car-cigarette-plug.

j. Do not make the direct soldering onto a cell.

k. Do not touch a leaked cell directly.

l. Do not use for other equipment.

m. Do not use Lithium-ion cell in mixture.

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n. Do not use or leave the cell under the blazing sun (or in heated car by sunshine).

o. Keep cell away from children.

p. Do not drive a nail into the cell, strike it by hammer or tread it.

q. Do not give cell impact or fling it.

2.Cell Operation Instructions

2.1 Charging

a. Charge the cell in a temperature range of 0°C to + 50°C.

b. Charge the cell at a constant current of 0.3Cuntil 3.65V, and then at a constant voltage of 3.65V until0.05C.

Charge rates greater than 1C are NOT recommended. (C : Rated Capacity of cell)

c. Use a constant current, constant voltage (CC/CV) lithium-ion (Li+) cell charge controller.

d. Do not continue to charge cell over specified time.

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2.2 Discharging

a. Recommended cut-off voltage to2.2V. Recommended max continuous discharge current is 3C。

b. For maximum performance, discharge the cell in a temperature range of -20°C to +50°C.

2.3 Storage Recommendations

In case of long period storage (more than 3 months), storage the cell at temperature range of –10 ~ +45°C, low

humidity, no corrosive gas atmosphere，No press on the celll；And more than 3 months need to put a charge according to the standard charge and discharge process