Model 型号	INR18650/30PL	Spec. No. 文件编号	PBRI-INR18650/30PL-D06-02	Version No. 版本	B

PRODUCT SPECIFICATION
产品交付规格书

Cylindrical Lithium-ion Cell
圆柱锂离子电池

Model（型号）: INR18650/30PL

Drafted 编制	Product Design Checked by 产品设计审核	Quality Checked by 品质审核	Sales Checked by 销售审核	Approved by 批准
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Company name: 公司名称： Approved by: 批准： Signature date: 日期：

February 2026
EVE Energy Co., Ltd.

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Revision History

变更履历

Revision 版本	Date 日期	Description 更改内容	Draft by 编制
A	2025-11-21	First Edition 初版发行	Monica
B	2026-02-11	Template update & wording optimization 更新模板和优化表述	Myron

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甲方（需方）：

乙方（供方）：惠州亿纬锂能股份有限公司

Party A (Company):

Party B (Supplier): EVE Energy Co., Ltd.

1. Scope（适用范围）

This Product Specification ("Specification") has been prepared to specify the Cylindrical Lithium-ion cell to be supplied to the Company by the Supplier.

本产品规格书（下称"规格书"）旨在明确乙方向甲方供应的圆柱形锂离子电池的相关技术要求。

It is hereby declared that this Specification is and forms an integral part of the_____Agreement dated [_____/_____/_____] signed between the Company and the Supplier. (the "Agreement") and is subject to the terms and conditions of the Agreement.

兹声明：本规格书为_____年_____月_____日由甲方与乙方签署的《 》（下称"协议"）不可分割的组成部分，且应遵循协议各项条款与条件之约束。

2. Cell Classification and Model（产品类型）

Cell Classification （产品类型） Cylindrical Lithium-ion cell（圆柱锂离子电池）

Cell Model （产品型号） INR18650/30PL

3. Cell Specification（规格参数）

NO. 序号	Item 项目	Specification 标准
1	Rated Capacity 额定容量	Rated Capacity 3000mAh 额定容量 3000mAh Charge: 1.5A(0.5C*), 4.20V, CCCV 0.1A cut-off 充电：1.5A(0.5C)恒流充电至 4.20V，恒压充电截止电流 0.1A Discharge: 0.6A(0.2C), 2.50V cut-off 放电：0.6A(0.2C) 恒流放电至 2.50V 截止 *1C=3.0A
2	Nominal Voltage 标称电压	3.65V
3	Standard Charge 标准充电	25±2℃, CCCV, 1.5A(0.5C), 4.20V, 0.1A cut-off 25±2℃，1.5A(0.5C)恒流充电至充电截止电压 4.20V，恒压充电截止电流 0.1A

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4	Maximum Charge (Not for cycle) 最大充电 (不适用于循环)	Cell Surface Temperature(℃)	MAX Charge Current(A)	Limit Voltage(V)
		0℃≤T<15℃	6	4.10
		15℃≤T<45℃	14.5	4.20
		45℃≤T≤60℃	9	4.15
5	Standard Discharge 标准放电	25±2℃，0.6A(0.2C), 2.50V cut-off 25±2℃，0.6A(0.2C)恒流放电至 2.50V 截止		
6	Maximum Discharge (Not for cycle) 最大放电 (不适用于循环)	60.0A(20.0C), 2.50V cut-off 60.0A(20.0C)恒流放电至 2.50V 截止	T_{max}:75℃	
7	Charge/Discharge Voltage Range 充电/放电电压区间	4.20~2.50V		
8	Cell Weight 电池重量	47.0g Max 最大 47.0g		
9	Cell Dimensions 电池尺寸	Height: 65.15±0.10mm 高度：65.15±0.10mm Diameter: 18.35±0.10mm 直径：18.35±0.10mm		
10	Operation Temperature (Cell Surface Temperature) 电池表面温度	Charge Temperature: 0 to 60℃ (recommended recharge release <45℃)	充电温度：0 to 60℃ （温度保护后，表面温度<45℃后，才允许充电）	
		Discharge Temperature: -20 to 75℃ (recommended re-discharge release <60℃)	放电：-20 to 75℃ （温度保护后，表面温度<60℃，才允许放电）	

Note: Cell Surface Temperature ,The temperature monitoring system is recommended to be placed in the middle of the cell (32mm±5mm up from the bottom of the cell), and the accuracy of the temperature monitoring system should be within ±2℃.

备注：电池表面温度，建议温度监测系统放置在电池中部即距电池底部 32±5mm，温度监测系统的精度应在±2℃ 以内。

4. Appearance（外观）

Under daylight lamps with illuminance≥300 Lux, visually inspect the cell surface with the naked eye. There shall be no defects, such as rust, discoloration, or leakage ,which may adversely affect the commercial value of the cell.

在照度≥300Lux 的日光灯下，以裸眼目视检查电池表面，电池表面无生锈、变色、漏液等可能对电池产生不利影响的缺陷。

5. Standard Test Condition（标准测试条件）

5.1. Environment Condition（环境条件）

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Unless otherwise specified, all tests stated in this Specification are conducted at temperature 25±2°C and humidity under 65% RH.

若无特别要求，此规格书上的产品测试条件均为温度：25±2°C，湿度：＜65% RH。

5.2. Measurement Instruments（试验装置）

试验装置应符合下列要求：The accuracy of measuring device should meet the following requirements:

A. 电压测量装置 Voltage measuring device: ±0.2%;

B. 电流测量装置 Current measuring device: ±1%;

C. 温度测量装置 Temperature measuring device: ±2°C;

D. 尺寸测量装置 Dimension measuring device: ±1mm;

E. 重量测量装置 Weight measuring device: ±0.1g.

5.3. Sample requirements（样品要求）

测试样品应采用自制造日期起 3 个月以内的电池

The cell shall be within 3 months from the date of manufacture.

6. Cell performance（电池性能）

6.1. Electrical Characteristics （电性能）

NO. 序号	Item 项目	Test Condition 测试条件	Criteria 检验标准
1	Rated capacity 额定放电容量	The Rated Capacity is measured with discharge current of 0.6A (0.2C) and 2.50V cut-off at 25°C after the standard charge. Referring IEC61960 Standard. 额定容量即电池在 25°C下按照标准充电方式充满电，然后以 0.6A（0.2C）放电至 2.50V 截止的容量。（参考 IEC61960 标准）	Rated Capacity≥ 3000mAh 额定容量≥3000mAh
2	Initial Internal Impedance 内阻	Initial Internal Impedance is measured at AC 1kHz at shipping SOC. 使用频率为 AC 1kHz 的电压内阻测试仪测量出货态电池的内阻。	Initial Internal Impedance ≤ 6mΩ 内阻≤ 6 mΩ

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倍率放电性能</td><td rowspan="4">Discharge capacity is measured with the various constant currents discharge and 2.50V cut-off after the standard charge at 25℃.
Note: Relative capacity percentage is the discharge capacity of the cell at 25°C under different currents, divided by the discharge capacity at 10.0A (at 25 °C).
电池在 25℃下按标准充电方式充电后，以不同的放电电流恒流放电至 2.50V 截止电压。
注释：相对容量百分比是电池在 25℃时不同电流放电容量除以 10.0A 时放电容量。</td><td>Item
项目</td><td colspan="4">Discharge Condition
放电条件</td></tr>
<tr><td>Current
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<tr><td>Relative Capacity
相对容量(%)</td><td>≥100</td><td>100</td><td>≥98</td><td>≥95</td></tr>
<tr><td rowspan="4">4</td><td rowspan="4">Temperature Dependence of Discharge Capacity
不同温度放电性能</td><td rowspan="4">Capacity comparison at each temperature, measured after 3 hours storage at the test environment with discharge constant current 10.0A (3.3C) and 2.50V cut-off after the standard charge at 25°C.
Note: Relative capacity percentage is the discharge capacity of the cell at different temperatures divided by the 10.0A discharge capacity at 25°C.
电池在 25℃环境下按标准充电方式充电后，在不同温度搁置 3h 后以 10.0A (3.3C) 恒流放电至 2.50V 截止电压。
注释：相对容量百分比是电池在不同温度放电容量除以 25℃时 10.0A 放电容量。</td><td>Item
项目</td><td colspan="5">Discharge Temperature
放电温度</td></tr>
<tr><td>Temperature
温度(°C)</td><td>-20</td><td>-10</td><td>0</td><td>25</td><td>60</td></tr>
<tr><td>Storage Time
存储时间(h)</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td></tr>
<tr><td>Relative Capacity
相对容量(%)</td><td>≥40</td><td>≥60</td><td>≥80</td><td>100</td><td>≥90</td></tr>
<tr><td>5</td><td>Cycle Life
循环寿命</td><td>Charge: 9.0A(3.0C), 4.20V, 0.1A cut-off
Discharge:30.0A(10C) discharge, 2.50V or 75°C cut-off.
Rest Time: 10min after charge and 30min after discharge.
Capacity after 500 cycles.
充电：9.0A(3.0C), 4.20V, 0.1A 截止
放电：30.0A(10C)放电，2.50V 或 75°C截止
搁置时间：充电后搁置 10min，放电后搁置 30min。
循环 500 周。</td><td colspan="6">Capacity ≥60% Ci after 500 cycles
Note: Ci: the first discharge capacity of cycle life test at 25±2°C.
500 周循环容量≥60%Ci
Ci：25±2°C时循环第 1 周的放电容量</td></tr>
</table>

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6	Storage Characteristic 存储性能	Storage: 60℃ for 30D Recovery Capacity: The discharge capacity of the 3rd cycle after 3 standard charge-discharge cycles after storage. 存储：60℃存储 30 天。 恢复容量：存储后，按照标准充放电循环 3 次，第 3 次循环的放电容量。	Recovery Capacity ≥ 2700mAh (90% of Standard Discharge Capacity(=3000mAh) 恢复容量≥2700mAh（标准容量（3000mAh）的 90%）

6.2. Mechanical Characteristics（机械性能）

NO. 序号	Item 项目	Test Method 测试方法	Criteria 检验标准
1	Free Fall Test 跌落测试	Each fully charged cell is dropped three times from a height of 1.0m onto a concrete floor. The cells are dropped so as to obtain impacts in random orientations. After the test, the cells shall be put on rest for 1h and then a visual inspection shall be performed. Free fall test is according to the IEC62133 standard. 充满电的电池从 1.0m 的高度以随机的方向跌落至水泥地板 3 次，实验后放置至少 1h 后进行外观检查。 （跌落测试按照 IEC62133 标准进行）	No fire, no explosion. 电池不起火，不爆炸
2	Vibration Test 振动测试	For X and Y axis with cylindrical cell 7Hz→200Hz→7Hz for 15min, repetition 12 times totally 3 hours, the acceleration 1g during 7 to 18Hz, then amplitude 1.6mm and maximum 8g up to 200Hz. Vibration test is according to the UN38.3 standard. 充满电的电池固定在振动台上，振动频率由 7Hz 增加到 200Hz 然后再降到 7Hz 的时间为 15 分钟，重复 12 次，总计 3h。从 7Hz 开始保持 1g 的加速度直到频率达到 18Hz，保持 8g 的加速度（振幅 1.6mm），直到频率达到 200 Hz。 （振动测试按照 UN38.3 标准进行）	No fire, no explosion, no leakage, with less than 10% of OCV drop. 电池不起火、不爆炸、不漏液， 电压下降小于 10%

6.3. Safety（安全性能）

NO. 序号	Item 项目	Test Method 测试方法	Criteria 检验标准
1	Overcharge Test 过充测试	Fully standard discharged cell is charged with 4.6V and 6.0A (3.0C) for 7h. Overcharge test is according to the UL1642 standards. 先将电池以标准放电方式放电至截止电压，然后将电池正负极连接于恒压电源，对电池以 6.0A 充电，直到电压不低于 4.6V，持续充电 7h。 （过充测试按照 UL1642 标准执行）	No fire, no explosion. 电池不起火，不爆炸

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2	External Short-circuit Test 短路测试	Fully standard charged cell is to be short-circuited by connecting the positive and negative terminals of the cell with a circuit load having are resistance load of 80±20mΩ at 55±5°C. The cell remains on test for 24h or until the surface temperature declines by 20% of the maximum temperature rise, whichever is the sooner. External short-circuit test is according to the IEC62133 standard. 电池按标准充电方式充满电后，在 55±5℃环境下，用一外部电阻 80±20mΩ 的导线连接电池正负极端，使其外部短路，直到测试时间持续到 24h 或者电池表面温度低于最高温度 20%。 （短路测试按照 IEC62133 标准进行）	No fire, no explosion. 电池不起火，不爆炸
3	Forced Discharge Test 过放测试	A discharged cell is subjected to a reverse charge at 2.0A (1.0C) for 90 min. Forced discharge test is according to the IEC62133 standard. 先将电池以标准放电方式放电至截止电压，然后以 2.0A(1.0C)强制放电 90min。 （过放测试按照 IEC62133 标准进行）	No fire, no explosion. 电池不起火，不爆炸
4	Heating Test 热冲击测试	To heat up the standard charged cell at heating rate 5°C per minute up to 130°C and keep the cell in oven for 10 minutes. Heating test is according to the UL1642 standard. 将电池放置于电热鼓风干燥箱中，以 5°C/min 的速率由室温升至 130°C 并保持 10min。 （热冲击测试按照 UL1642 标准进行）	No fire, no explosion. 电池不起火，不爆炸
5	Low Pressure Test 低气压测试	Fully standard charged cell is to be stored at a pressure of 11.6 kPa or less for at least six hours at ambient temperature. Low pressure test is according to the UN38.3 standards. 电池按标准充电方式充电后，电池在绝对压力为 11.6kPa，温度为室温条件下贮存 6 小时。 （低气压测试按照 UN38.3 标准执行）	No fire, no explosion and no leakage with less than 10% of OCV drop. 电池不起火、不爆炸、不漏液，电压下降小于 10%

7. Status of the Cell as of Ex-factory（电池出厂状态）

The cell should be shipped in 3.450 V to 3.600 V charging voltage range, with SOC<30%.

电池应在 3.500V 至 3.600V 范围内装运，且 SOC<30%

8. Guide for the use of Lithium-ion Cells（电池使用指南）

8.1. General （总则）

This chapter has been prepared to describe the appropriate cautions and prohibitions, which the Company should take or employ when the Company uses and handles the Cylindrical Lithium-ion cell to be manufactured and supplied by the

Supplier, in order to obtain optimal performance and safety.

本章旨在说明甲方在使用及处理由乙方制造并供应的圆柱形锂离子电池时应遵守的注意事项与禁止行为，以实现最佳使用性能并保障安全。

8.2. Charging（充电）

8.2.1. Charging current（充电电流）

Charging current shall be less than maximum charge current specified in the Specification.

电池应在规格书限定的充电电流范围内充电。

8.2.2. Charging voltage（充电电压）

Charging shall be done by voltage less than that specified in the Specification.

电池充电电压不得超过规格书中限定的电压。

8.2.3. Charging temperature（充电温度）

The cell shall be charged within a range of specified temperatures in the Specification.

电池应在规格书限定的充电温度范围内充电。

8.2.4. Reverse charging（反向充电）

The cell shall be connected, confirming that its poles are correctly aligned. Inverse charging shall be strictly prohibited. If the cell is connected improperly, it may be damaged. The Supplier is not liable for any damages resulting therefrom.

电池充电连接时，应保证正负极连接正确，严禁反向充电。若电池正负极连接错误，可能导致电池损坏。乙方对由此产生的任何损失不承担赔偿责任。

8.2.5. Do not charge（禁止充电）

Charging of cells with a voltage lower than 1.0V is prohibited, as it may cause safety risks.

禁止对低于 1.0V 的电池充电，以免引起安全问题

8.3. Discharging（放电）

8.3.1. Discharging current（放电电流）

The cell shall be discharged continuously at less than maximum discharging current specified in the Specification. In case of the higher discharging current should be set, it shall be confirmed with the Supplier.

电池放电电流必须控制在本规格书中指定的值内，如果需要设置更高的放电电流，须事先与乙方确认

8.3.2. Discharging temperature（放电温度）

The cell shall be discharged within a range of temperatures specified in the Specification. Otherwise, it may cause loss of performance characteristics.

电池应在规格书规定的温度范围内放电。否则，可能会导致电池性能的损失。

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8.3.3. Over-discharging（过放电）

The system should be equipped with a protection device to prevent the discharge cut-off voltage from dropping below the recommended limits, which are specified in this Specification.

系统应配备保护板，防止进一步放电，避免电压低于规格书中规定的放电截止电压。

Over-discharging may lead to the loss of cell performance. Over-discharging may occur by self-discharging if the cell is stored for a very long time without usage.

过放电会导致电池性能的损失。如果电池放置很长一段时间不使用，电池自放电可能会导致过放。

The charger should be equipped with a device to detect the cell voltage and determine the recharging procedure.

充电器应配置保护板检测电池包电压和确定重新充电程序。

8.4. Storage（存储）

8.4.1. Storage conditions（存储条件）

The cell should be stored within a range of temperatures specified in the Specification, within the dry and no corrosion gas environment. Otherwise, it may cause loss of performance characteristics, leakage and/or rust.

电池应在规格书规定的温度范围内存储，存储环境应干燥无腐蚀性气体。否则，可能会导致电池性能损失、漏液或生锈。

8.4.2. Storage for a Long Time（长期存放）

If the cell or pack is kept for a long time (3 months or more), it is strongly recommended that the cell or pack be performed one cycle，the cell voltage is recommended to be 3.50 V to 3.80V, the storage environment should be at low-temperature (normally 0~25°C), dry and no corrosive gas, with humidity ≤65%.

如果电池或电池包存放时间较长(3 个月或以上)，强烈建议电池进行一次循环，电池电压建议 3.50V 到 3.80V，环境应低温(通常为 0~25℃)、干燥且无腐蚀性气体，≤65%RH。

8.4.3. Cell storage conditions（电池存储条件）

Storage Temperature 存储温度	1 year 1 年	-20~25°C	(At Shipping SOC) （出货态 SOC）
	3 months 3 个月	-20~45°C	
	1 month 1 个月	-20~60°C	

Note: The Recovery capacity is more than 90% of rated capacity (=3000mAh) after storage at the condition of 8.4.3.

备注：在 8.4.3 条件下储存后，恢复容量超过额定容量（=3000mAh）的 90%。

8.5. Cycle Life（循环寿命）

Cycle life performance may be influenced by charging and discharging condition, operating temperature and/or storage.

充放电条件、电池使用温度或存储条件可以影响电池的循环性能。

8.6. Battery exchange（电池更换）

Although the cell contains no environmentally hazardous component, such as lead or cadmium, the battery shall be disposed according to the local regulations when it is disposed.

电池不含铅、镉等有害环境成分，但处理时应按当地法规处理。

The cell should be disposed with a discharged state to avoid heat generation by an inadvertent short-circuit.

电池应在低电量状态处理，避免因意外短路而产生热量。

9. Transportation（运输）

The severe vibration, impact, extrusion, sun and rain should be prevented during shipping. Applicable methods of transportation include truck, train, ship, airplane, etc.

在运输过程中应防止剧烈振动、冲击或挤压、避免日晒雨淋。适用汽车、火车、轮船、飞机等交通工具运输。

10. Pack design Recommendations（电池包设计建议）

If the Company's battery pack cannot meet Pack Design Guideline, the Supplier cannot take responsibility for a quality issue about a battery cell.

若甲方的电池包不符合电池包设计指南要求，乙方不对电池单体的质量问题承担责任

- Connection between the cell and the battery（电池间的连接）

To prevent the heat generation the cell should be connected with solder which shall be welded on the connector (eg. cell cap or bottom), otherwise the component of the cell such as the separator and insulator may damaged.

为避免热聚集，电池应用焊片连接，焊片应焊接在电池连接位上（如：电池盖帽或底部），否则电池的组件如隔膜和绝缘垫片会损坏可能受损。

- Positioning the battery in the system（电池的放置）

The battery should be positioned as far as possible from heat sources and high temperature components. Otherwise, it may cause loss of characteristics. The recommended spacing between the cells is more than 1mm.

电池应尽可能远离热源和高温物体。否则，可能会导致电池性能的损失。电池之间的距离建议大于 1mm。

- Mechanical shock protection of the battery（电池组机械冲击保护）

The battery should be equipped with appropriate shock absorbers in the pack in order to minimize shock, which can damage the cells. Otherwise, it may cause shape distortion, leakage, heat generation and/or rupture and/or open circuit.

电池组应配备合适的减震器，以最大限度地减少震动，避免损坏电池。否则可能导致电池发生形变、泄漏、发热、破裂或断路。

- Short-circuit protection of the cell（电池短路保护）

The cell is equipped with an insulating sleeve to protect against short-circuit which may occur during transportation,

battery assembly and/or system operation. If the cell sleeve is damaged by some cause such as outside impact, it may cause short-circuit in some internal wiring of the battery pack.

电池带有绝缘套管，以避免电池在运输、组装或系统运行过程中发生短路。如果电池套管因外界撞击等原因损坏，可能会导致电池组内部的一些线路发生短路。

- Connection between the battery and charger/System（电池组与充电器/系统之间的连接）

The battery should be designed to be connected only to the specified charger and system. A reverse connection of the battery, even in the specified system, should be avoided by employing special battery design such as a special terminal.

电池组应设计为只能连接到特定充电器和系统。即使在指定的系统中，也应采用特殊的电池设计（如特殊的电池端子）来避免电池的反向连接。

- BMS design（电池 BMS 设计）

The current consumption of the battery pack should be under 10uA at sleep mode. The system should be equipped with a device to monitor each voltage of cell block to avoid cell imbalance which can cause damage to the cells.

The battery pack or system should have warning system such as over temperature, over voltage, over current, and so on.

在休眠状态下时，电池组消耗电流应＜10μA。系统应配置设备监测每个电池电压，避免电池不平衡造成电池损坏。电池组或系统应具有过热、过压、过流等预警系统。

- Battery Pack Assembly（电池包组装）

cells should be inspected visually before battery pack assembly , Damaged cells are prohibited from use

电池包装配前，应对所有电池单体进行目视检查，严禁使用受损单体电池

The cell should not be used if sleeve-damage, can-distortion and/or electrolyte-smell is detected.

如果电池套管损坏、钢壳变形或有电解液气味，则电池不能继续使用。

- Connector handing（连接片焊接）

Excessive force on the cells' terminal should be avoided when external strip connector is welded.

焊接连接片时，应避免对两端施加过大的力。

11. Caution（注意事项）

It is forbidden to inversely charge. Correctly connect the positive and negative poles of the cell, and reverse charging is strictly prohibited.

禁止反向充电。正确连接电池的正负极，严禁反向充电。

It is forbidden to over-discharge. During the normal use of the cell, in order to prevent over-discharge, the cell should be charged regularly.

禁止过放电。在电池正常使用过程中，为防止过放电，电池应定期充电。

It is strictly forbidden to immerse the cell in water. When it is not in use, it should be placed in a cool and dry environment.

严禁将电池浸入水中，保存不用时，应放置于阴凉干燥的环境中。

It is forbidden to use and leave the cell next to heat and high temperature sources, such as fire, heater, etc.

禁止将电池放在热高温源旁边，如火、加热器等使用和留置。

Please use a special charger for lithium-ion batteries when charging.

充电时请选用锂离子电池专用充电器。

During usage, it is strictly prohibited to reverse the positive and negative terminals of the cell.

在使用过程中，严禁将电池正负极颠倒。

Do not throw the cell in the fire or heater.

禁止将电池投入火中或加热。

It is forbidden to use metal to directly connect the positive and negative terminals of the cell to short-circuit.

禁止用金属直接导通电池正负极。

It is forbidden to transport or store the cell with metal, such as hairpins, necklaces, etc.

禁止将电池与金属，如发夹、项链等一起运输或贮存。

It is forbidden to knock or throw, step on, or bend the cell.

禁止敲击或抛掷、踩踏和弯折电池等。

It is forbidden to directly solder the cell.

禁止直接焊接电池。

It is forbidden to directly pierce the cell with nails or other sharp objects.

禁止用钉子或其它利器刺穿电池。

It is forbidden to use or place the cell under high temperature (under hot sunlight), such as in a car under direct sunlight or on a hot day.

不要使用处于极热环境中的电池，如阳光直射或热天的车内。

It is forbidden to use it in places with strong static electricity and strong magnetic fields.

禁止在强静电和强磁场的地方使用。

If the cell leaks and the electrolyte splashes on the skin, clothes, eyes, mouth, nose, etc., immediately wash the affected area with running water and send to a doctor for treatment immediately, otherwise it will cause serious harm to the human body.

如果电池漏液，电解液溅入到皮肤、衣物、眼睛、口、鼻等部位，应立即用流动清水冲洗，并马上送医治疗，

否则会对人体造成严重伤害。

If the cell emits peculiar smell, heat, discoloration, deformation, or any abnormality during use, storage, or charging, stop using it.

若电池在使用、贮存、充电过程中出现异味、发热、变色、变形或任何异常时，立即停止使用。

Do not disassemble or modify the cell.

不要拆卸或改装电池。

Do not use the cell fall off on the ground

不要使用掉地电池。

Do not use Lithium-ion cell in mixture.

不要将锂离子电池混合使用。

12. Important notes（重要提示）

Abuse of Rechargeable Lithium-ion cells can cause damage to the cell and/or personal injury. Please read and observe the standard cell precautions below before using.

滥用锂离子充电电池可能会造成电池的损害和人身的伤害。在使用锂离子充电电池以前，请仔细阅读以下的安全守则。

- Company shall contact and confirm with the Supplier in advance if intends to use the cell exceed the limitations which has clarified within this Specifications.

如果甲方计划将电池用于超出本规定明确的使用范围外的情况，请提前与乙方联系并确认。

- The Supplier will take no responsibility for any accident that occurs when the cell is used under conditions other than those described in this document.

在此文件说明的条件之外使用该电池而产生的事故，乙方不承担任何责任。

- For safety assurance, if there are special requirements or use scenarios for the design of lithium-ion battery packs, related control systems and protection circuit settings, including but not limited to their usage conditions, current, rapid charge requirements etc, it is necessary to confirm with the Supplier in writing in advance. Otherwise, the Supplier will not be liable for cell failures or accidents caused by cells that are not suitable for such special requirements or special usage scenarios.

为保证安全，如果对于锂离子电池的电池包的设计、相关控制系统及保护电路设置有特殊要求或者特殊使用场景的，包含但不限于电池包的使用场景、电流、快速充电等信息，需要提前与乙方书面确认，否则因不适用该特殊要求或者特殊使用场景导致电池故障或产生事故，乙方不承担任何责任。

- The Company is responsible for confirming and ensuring the match and reliability of batteries in actual

applications.

在实际应用中，甲方有责任确认和保证电池与装置的匹配性和可靠性。

- Notwithstanding Clause 1 above, to the extent the content of this Specification conflicts with the Agreement, this Specification shall prevail.
- 尽管有上述第 1 条的规定，若本技术规格书内容与协议存在冲突，应以本技术规格书为准。
- This Specification is written in both Chinese and English. In case of any discrepancy between the Chinese and English versions, the Chinese version shall prevail.
- 本规格书以中英双语书就，如中文内容与英文内容不一致的，以中文版本为准。

13. Consultation（联系方式）

Address: EVE Energy Co., Ltd.-EVE Industrial Park on No.38, Huifeng 7th Road, Zhongkai Hi-Tech Zone, Huizhou.

Tel No.: 86-752-2630809

Fax No.: 86-752-2606033

Website: Http://www.evebattery.com.cn

如有疑问，请按以下方式咨询：

地址：中国广东省惠州市仲恺高新区惠风七路 38 号惠州亿纬锂能股份有限公司

电话：86-752-2630809

传真：86-752-2606033

网址：Http://www.evebattery.com.cn

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附录 A 安全工作参数

Appendix A Safe Operating Parameters

为确保电池在各类工况下的使用安全，请参考以下工作参数使用

To ensure the safe operation of the cell under various conditions, the cell shall be used in accordance with the following operating parameters.

序号	安全工作参数	符号	电池
1	Rated capacity 额定容量	/	3000mAh
2	Nominal voltage 标称电压	/	3.65V
3	Nominal energy 额定能量	/	10.95Wh
4	Limited charging voltage 充电限制电压	Ucl	4.20V
5	Upper limited charging voltage 充电上限电压	Uup	4.25V
6	Discharge cut-off voltage 放电截止电压	Udo	1.00V
7	End of discharge voltage 放电终止电压	Ude	2.50V
8	Recommendation charging voltage 推荐充电电流	Icr	1500mA
9	Maximum charging current 最大充电电流	Icm	14500mA
10	Recommendation discharging current 推荐放电电流	Idr	600mA
11	Maximum discharging current 最大放电电流	Idm	60000mA
12	Upper limited charging temperate 上限充电温度	Tcm	60℃
13	Low limited charging temperate 下限充电温度	Tcl	0℃
14	Upper limited discharging temperate 上限放电温度	Tdm	75℃
15	Low limited discharging temperate 下限放电温度	Tdl	-20℃

Note: For definitions of terms, refer to GB 31241-2022

备注：术语定义参考 GB 31241-2022

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附录 B:　外形尺寸

Appendix B: Outline Dimensions

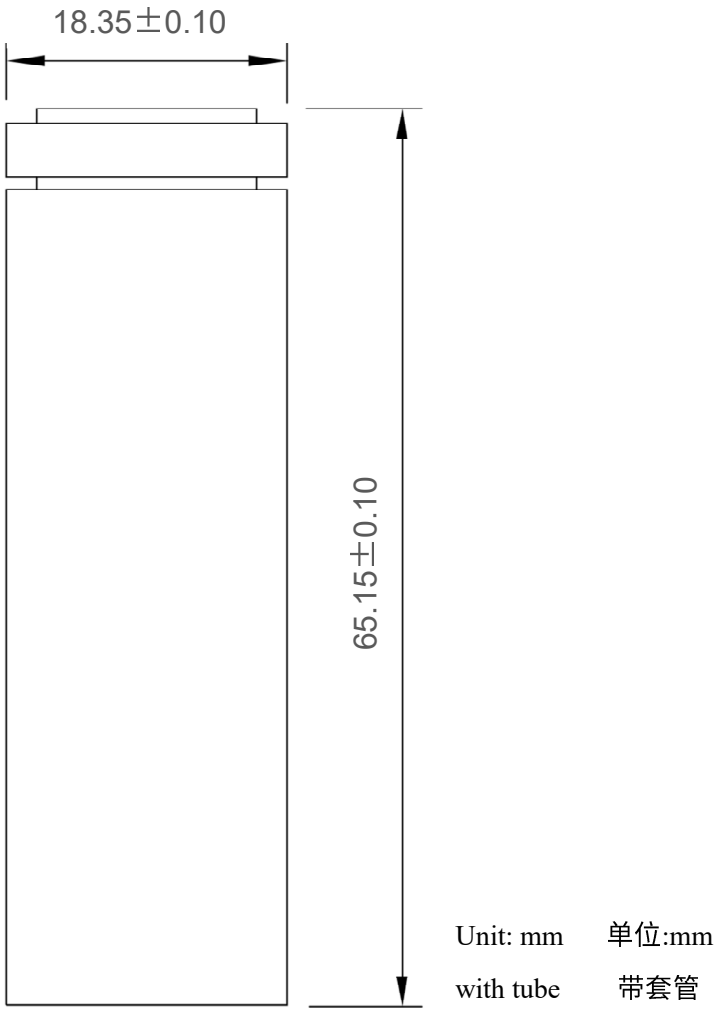

Fig. 1. Outline Dimensions of INR18650/30PL

图 1. INR18650/30PL 外形尺寸

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附录 C:　　包装图

Appendix C: Package drawing

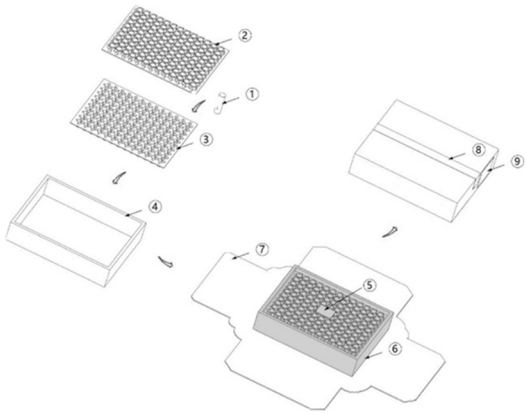

Fig. 2. Package drawing

图 2　包装图纸

NO.	Part Name 部件名称	Material 材料	Q'Ty 单位
1	Cell 电池	型号 INR18650/30PL	156 pcs/box
2	Blister upper cover 吸塑上盖	PP 聚丙烯	1 pcs/box
3	Blister lower cover 吸塑下盖	PP 聚丙烯	1 pcs/box
4	Inner box 内箱	K3K Single Wall 单坑瓦楞纸	1 pcs/box
5	Silica Gel 硅胶	Silica Gel 硅胶	1 pcs/box
6	PE Bag 聚乙烯袋	PE 聚乙烯	1 pcs/box
7	Outer box 外箱	H=H Double Wall 双坑瓦楞纸	1 pcs/box
8	Tape 胶带	PE 聚乙烯	0.01 rol/box
9	Label 标签	Art Paper 铜版纸	1 pcs/box