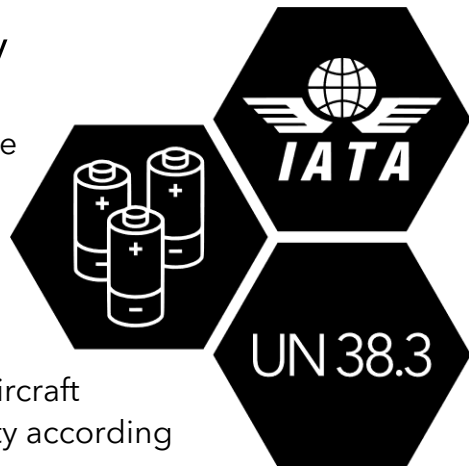


## Declaration of Conformity

Quantum-Systems GmbH hereby declares that the **Smart Battery 180®** is in conformity with IATA regulations and the United Nations Agreement Concerning the International Carriage of Dangerous Goods by Road (ADR).



The Smart Battery 180 is suitable for transport by aircraft and has been tested by an accredited testing facility according to:

UN 38.3 Rev.7      Recommendations on the TRANSPORT OF DANGEROUS GOOD, Manual of Tests and Criteria, Part III, cl. 38.3, UN ST/SG/AC.10/11/Rev.7

According to IATA regulation, the battery pack is to be classified as:

UN 3481      Lithium ion batteries packed with equipment  
(when shipped together with a Vector® UAV)

UN 3480      Lithium ion batteries  
(when shipped on its own)

For shipment of batteries, always adhere to the applicable packing instructions of IATA regulation or the ADR.

The following Annexes are provided together with this document:

ANNEX A      Summary of Test Results

ANNEX B      Battery Cell Safety Data Sheet

This declaration is issued for and on behalf of:

**Quantum-Systems GmbH**  
**Zeppelinstrasse 18**  
**82205 Gilching, Germany**

21 December 2023  
Date

  
Certification Manager



## Technical Specification

### Cell

Type	Lithium Polymere
Chemistry	Lithium Cobalt Oxide
Design	pouch
Nominal voltage	3.85 V
Nominal capacity	11750 mAh

### Pack

Cell setup	7S 2P
Nominal voltage	27 V
Nominal capacity	23500 mAh
Maximum voltage	30.8 V
Nominal energy	633 Wh
Mass	2.8 kg

## Safety Instructions

In the following, safety instructions will be given for a secure handling, charging, storage and transport of the battery pack. For more detailed information, please refer to the Vector® User Manual.

To avoid fire, serious injury and property damage observe the following safety guidelines when using, charging or storing the UAV battery packs.

## Battery Handling

1. Do not take-off with State of Charge below 50 %.
2. Do not use or charge swollen, leaky, or damaged batteries.
3. Do not use a battery that was involved in a crash or any kind of heavy impact.
4. The temperature of the battery pack must be within the operating temperature range: 20 - 40 °C (68 - 104 °F). Initiate the self-heating function by pressing and holding the button for 5 seconds.
5. Do not expose the battery pack to direct sunlight. Temperatures over 70 °C (158 °F) may damage the battery pack. To prevent malfunction of the battery, never fly the UAV in strong electrostatic or electromagnetic environments.
6. Do not expose the battery to water. Replace the battery pack if exposed to water.
7. If your eyes or skin make contact with any battery chemicals, immediately wash the affected area with clean running water for at least 15 minutes. See a doctor immediately.
8. Do not place the UAV battery packs in a microwave, dryer, oven or in a pressurized container. Do not solder on or close to a UAV battery pack. Do not place the battery pack near a cooking surface, iron or radiator.
9. Do not drop the battery pack. Do not step on it.
10. Never open or modify the battery pack. Do not short circuit the battery.
11. The battery life may be reduced if it is not used regularly.
12. Avoid touching the battery pack surface directly after the flight. **HOT! RISK OF BURNS!**
13. Never disassemble, puncture, shock, incinerate, or heat the battery pack over 70°C (158 °F).

## Battery Charging

1. To charge the battery follow the guideline as described in this manual.
2. Always use the original battery charger to charge the battery packs. Quantum-Systems is not responsible or liable for damages caused by charging the battery with a third-party charger.
3. Only charge the batteries at ambient temperatures of 5 °C to 30 °C (41 °F - 86 °F).
4. Never connect the battery packs to a wall socket or to car charger outlets directly.
5. The battery must be charged under supervision. Never charge the battery pack close to flammable materials or on flammable surfaces.
6. Disconnect the battery when it is fully charged.
7. Do not clean the charger with flammable liquids like denatured alcohol.
8. Never use a damaged charger.

## Battery Storage

1. Keep the battery out of reach of children and animals. Do not leave the battery near heat sources such as furnaces or heaters.
2. Always store the battery at proper ambient temperature: Storage less than 3 months: -20 °C to 45 °C (-4 °F to 113 °F) Storage more than 3 months: 22 °C to 28 °C (72 °F to 82 °F).
3. Always keep the battery dry. Do not expose the battery to water.
4. Never attempt to travel with or transport a damaged battery or a battery with a power level higher than 25 %.
5. Do not store the battery completely discharged.
6. Always remove the battery from the UAV when it is not in use.
7. Always apply the contacts protection cap if the battery pack is not in use.

## Battery Transport

1. Before battery shipment, make sure the battery is discharged to a maximum of 30% (25% recommended) of its nominal capacity.
2. Make sure to pack and label the battery pack according to ADR respectively IATA regulations.
  - a. When packed with equipment, the battery pack is categorized as UN3481 and has to be packed following packing instruction PI 966. Since the battery pack has a total energy of more than 100 Wh, Section I applies. The limit for passenger aircraft is 5 kg per package and the limit for cargo aircraft is 35 kg per package.
  - b. When packed on its own, the battery pack is categorized as UN3480 and has to be packed following packing instruction PI 965. Since the battery pack has a total energy of more than 100 Wh, Section IA applies. The limit for cargo aircraft is 35 kg per package. **Transport with passenger aircraft is prohibited!**

ANNEX A  
Summary of Test Results



# SUMMARY OF TEST RESULTS

according to UN ST-SG-AC 10-11 cl. 38.3 Revision 7 Amendment 1

cetecom advanced GmbH – Untertürkheimer Str. 6-10  
66117 Saarbrücken – Germany – www.cetecomadvanced.com



Deutsche  
Akkreditierungsstelle  
D-PL-12047-01-00

The testing laboratory (area of testing) is accredited according to DIN EN ISO/IEC 17025:2018 by the Deutsche Akkreditierungsstelle GmbH (DAKKS). The accreditation is valid for the scope of testing procedures as stated in the accreditation certificate with the registration number: D-PL-12047-01-00

Applicant's name                      Quantum-Systems GmbH  
Address                                    Zeppelinstr. 18  
    82205 Gilching  
    Germany

Manufacturer's name                  Quantum-Systems GmbH  
Address                                    Zeppelinstr. 18  
    82205 Gilching  
    Germany

Kind of test item	Chemistry	Mass	Watt hours	Cell Physical Description	Model	Type
	Lithium ion	2,72kg	633Wh	Cylindrical	Smart battery 180	Battery

Specification/Standards	Testreport Nr. + Date	Result
UN 38.3 Rev.7 Manual of Tests and Criteria, Part III, cl. 38.3, UN ST/SG/AC.10/11/Rev.7/Amend.1	1-6050/23-01-02 dated 20-12-2023	conform

Test	Result	Test	Result	Test	Result	Test	Result
T1	PASS	T3	PASS	T5	PASS	T7	N.A.
T2	PASS	T4	PASS	T6	N.A.	T8	N.A.

assembled battery testing requirements                      38.3.3 (f)                       38.3.3 (g)

Place, Issue date Saarbrücken, 2023-12-21	cetecom advanced GmbH Untertürkheimer Str. 6-10 66117 Saarbrücken <a href="http://www.cetecomadvanced.com">www.cetecomadvanced.com</a> <a href="mailto:info@cetecomadvanced.com">info@cetecomadvanced.com</a> Tel.: +49 681 598 0
Uwe Lillig Testing Manager Environmental & Safety Services	

## ANNEX B

# Battery Cell Safety Data Sheet







# 材料安全数据表

## Material Safety Data Sheet

样 品 名 称 : 可充电锂离子电池

---

Name of Sample: Rechargeable Lithium-ion Battery

---

委 托 单 位: 深圳市格瑞普电池有限公司

---

Commissioner : SHENZHEN GREPOW BATTERY CO.,LTD

---

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION (化学品及企业标识)**

样品名称 Name of goods	可充电锂离子电池 Rechargeable Lithium-ion Battery
样品型号 Type/Mode	Lithium- ion Battery Universal
委托单位 Commissioned by	深圳市格瑞普电池有限公司 SHENZHEN GREPOW BATTERY CO., LTD.
委托单位地址 Commissioner address	深圳市龙华区大浪街道高峰社区华荣路格瑞普第1栋1层及2-4层、2栋(1-4层)、综合楼(1-3层) Complex building (1st to 3rd floor) , 2nd building (1st to 4th floor) , 1st building (1st to 4th floor) , Shenzhen Grepow Battery Co., Ltd ,Huarong Road,Gaofeng community,Dalang Street, Longhua District, Shenzhen City
生产单位 Manufacturer	深圳市格瑞普电池有限公司 SHENZHEN GREPOW BATTERY CO., LTD.
生产单位地址 Manufacturer address	深圳市龙华区大浪街道高峰社区华荣路格瑞普第1栋1层及2-4层、2栋(1-4层)、综合楼(1-3层) Complex building (1st to 3rd floor) , 2nd building (1st to 4th floor) , 1st building (1st to 4th floor) , Shenzhen Grepow Battery Co., Ltd ,Huarong Road,Gaofeng community,Dalang Street, Longhua District, Shenzhen City
鉴定依据 Inspection according to	EEC Directive 93/112/EC 联合国《关于危险品货物运输的建议书》 UN "Recommendations on the TRANSPORT OF DANGEROUS GOODS"
应急电话 Emergency telephone call	0755-29045795



SHENZHEN GREPOW BATTERY CO.,LTD  
Complex building (1st to 3rd floor) , 2nd building (1st to 4th floor) , 1st building (1st to 4th floor) ,  
Shenzhen Grepow Battery Co., Ltd ,Huarong Road,Gaofeng community,Dalang Street, Longhua  
District, Shenzhen City  
Tel: 0755-29045795 Fax: 0755-61558171 E-mail: huanghaixia@grepow.cn

## 2. COMPOSITION INFORMATION (成分/组成信息)

化学成分 Composition	化学式 Chemical Formula	CAS 号 CAS No	重量百分比 Weight (%)
钴酸锂 Lithium Cobalt Oxide	LiCoO <sub>2</sub>	12190-79-3	36.172%-35.572%
聚偏二氟乙烯 Polyvinylidene Fluoride (PVDF)	C <sub>2</sub> H <sub>2</sub> F <sub>2</sub>	24937-79-9	0.663%- 10.763%
石墨 Graphite	C	7782-42-5	17.984%-18.584%
碳酸乙烯酯 Ethylene Carbonate	C <sub>3</sub> H <sub>4</sub> O <sub>3</sub>	96-49- 1	3.856%-4.256%
碳酸甲乙酯 Ethyl Methyl Carbonate	C <sub>4</sub> H <sub>8</sub> O <sub>3</sub>	623-53-0	2.697%-3.097%
碳酸二甲酯 Dimethyl Carbonate	C <sub>3</sub> H <sub>6</sub> O <sub>3</sub>	616-38-6	7.43%-7.83%
碳酸丙烯酯 Propylene Carbonate	C <sub>4</sub> H <sub>6</sub> O <sub>3</sub>	108-32-7	1.445%- 1.645%
1,3-丙烷磺酸内酯 1,3-Propanesultone	C <sub>3</sub> H <sub>6</sub> O <sub>3</sub> S	1120-71-4	0.038%-0.088%
碳酸亚乙烯酯 Vinylene Carbonate	C <sub>3</sub> H <sub>2</sub> O <sub>3</sub>	872-36-6	0. 103%-0.303%
六氟磷酸锂 Lithium Hexafluorophosphate	F <sub>6</sub> LiP	21324-40-3	2.697%-3.097%
羧甲基纤维素 Carboxymethyl Cellulose , CMC	C <sub>6</sub> H <sub>7</sub> O <sub>2</sub> (OH) 2OCH <sub>2</sub> COONa	9004-32-4	0. 129%-0.329%
聚乙烯 Polyethylene	C <sub>2</sub> H <sub>4</sub>	9002-88-4	0.002%-0.004%
铜 Copper	Cu	7440-50-8	13.464%-14.064%
铝 Aluminum	Al	7429-90-5	8.794%-9. 194%
镍 Nickel	Ni	7440-02-0	0.002%-0.004%
丁苯橡胶 Polymerized Styrene Butadiene Rubber	C <sub>36</sub> H <sub>42</sub> X <sub>2</sub>	9003-55-8	0.854%- 1.054%
炭黑 Carbon Black	C	1333-86-4	1.617%- 1.817%

SHENZHEN GREPOW BATTERY CO.,LTD

Complex building (1st to 3rd floor) , 2nd building (1st to 4th floor) , 1st building (1st to 4th floor) ,  
Shenzhen Grepow Battery Co., Ltd ,Huarong Road,Gaofeng community,Dalang Street, Longhua  
District, Shenzhen City

Tel: 0755-29045795 Fax: 0755-61558171 E-mail: huanghaixia@grepow.cn

### 3. Hazards Identification (危险性概述)

爆炸危险性 Explosive risk	该物品不属于爆炸危险品 This article does not belong to the explosion dangerous goods
易燃危险性 Flammable risk	该物品不属于易燃危险品 This article does not belong to the flammable material
氧化危险性 Oxidation risk	该物品不属于氧化危险品 This article does not belong to the oxidation of dangerous goods
毒害危险性 Toxic risk	该物品不属于毒害危险品 This article does not belong to the toxic dangerous goods
放射危险性 Radioactive risk	该物品不属于放射危险品 This article does not belong to the radiation of dangerous goods
腐蚀危险性 Mordant risk	该物品不属于腐蚀危险品 This article does not belong to the corrosion of dangerous goods
其他危险性 other risk	该物品为锂离子电池, 瓦时率 > 100Wh. This article is Lithium-ion Battery Watt hour rate is > 100Wh.

### 4. First aid measures (急救措施)

眼睛:

万一接触, 立即用大量的清水冲洗至少15分钟, 翻起上下眼睑, 直到化学的残留物消失为止, 迅速就医。

#### Eye

Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.

Get medical aid.

皮肤:

万一接触, 用大量水冲洗至少15分钟, 同时除去污染的衣物和鞋子, 迅速就医。

#### Skin

Remove contaminated clothes and rinse skin with plenty of water or shower for 15 minutes. Get medical aid.

吸入:

立即从暴露处移至空气清新处, 如果呼吸困难给予输氧, 立即就医。

#### Inhalation

Remove from exposure and move to fresh air immediately. Use oxygen if available.

食入:

饮用两杯牛奶或水。如果当事人仍然清晰可以采取催吐的方法, 并且立即就医。

#### Ingestion

Give at least 2 glasses of milk or water. Induce vomiting unless patient is unconscious. Call a physician

SHENZHEN GREPOW BATTERY CO.,LTD

Complex building (1st to 3rd floor), 2nd building (1st to 4th floor), 1st building (1st to 4th floor), Shenzhen Grepow Battery Co., Ltd, Huarong Road, Gaofeng community, Dalang Street, Longhua District, Shenzhen City

Tel: 0755-29045795 Fax: 0755-61558171 E-mail: huanghaixia@grepow.cn

## 5. Fire-fighting measures (消防措施)

燃点: 不适用

**Flash Point:** N/A.

自燃温度: 不适用

**Auto-ignition Temperature:** N/A.

灭火介质: 大量水 (降温), 二氧化碳

**Extinguishing Media:** Water, CO<sub>2</sub>.

特殊灭火程序: 自给式呼吸器

### Special Fire-Fighting Procedures

Self-contained breathing apparatus.

异常火灾或爆炸: 当电芯暴露于过热的环境中时, 泄气口可能会打开。

### Unusual Fire and Explosion Hazards

Cell may vent when subjected to excessive heat-exposing battery contents.

燃烧产生的危险物品: 一氧化碳, 二氧化碳, 锂氧化物烟气

### Hazardous Combustion Products

Carbon monoxide, carbon dioxide, lithium oxide fumes.

## 6. Accidental release measures (泄露应急处理)

为防止电池材料泄露或释放采取的措施

如果电池内部材料泄露, 试验人员应立刻撤离试验区直到烟气消散。将通风设备打开吹散危险性气体。用抹布擦净试验区, 清除溢出的液体, 将泄露电池放进塑料袋中, 然后放进钢制容器。避免皮肤和眼睛接触或吸入有害气体。

### Steps to be Taken in case Material is Released or Spilled

If the battery material is released, remove personnel from area until fumes dissipate. Provide maximum ventilation to clear out hazardous gases. Wipe it up with a cloth, and dispose of it in a plastic bag and put into a steel can. The preferred response is to leave the area and allow the battery to cool and vapors to dissipate. Provide maximum ventilation. Avoid skin and eye contact or inhalation of vapors. Remove spilled liquid with absorbent and incinerate.

废弃物处置方法

建议将电池完全放电, 消耗电池内部的锂金属, 移交专业处理公司回收处理。

### Waste Disposal Method

It is recommended to discharge the battery to the end, to use up the metal lithium inside the battery, transfer it to the professional processing company for recycling.

SHENZHEN GREPOW BATTERY CO.,LTD

Complex building (1st to 3rd floor), 2nd building (1st to 4th floor), 1st building (1st to 4th floor), Shenzhen Grepow Battery Co., Ltd, Huarong Road, Gaofeng community, Dalang Street, Longhua District, Shenzhen City

Tel: 0755-29045795 Fax: 0755-61558171 E-mail: huanghaixia@grepow.cn

## 7.Handling and storage (操作处置和储存)

禁止打开、毁坏或焚烧电池，因为电池有可能在这些处理过程中发生爆炸、破裂或泄露等事故。禁止将电池短路、过充、强制放电或扔入火中。禁止挤压刺穿电池或将电池浸入溶液中。

The battery should not be opened, destroyed or incinerate, since they may leak or rupture and release to the environment the ingredients that they contain in the hermetically sealed container. Do not short circuit terminals, or over charge the battery, forced over-discharge, throw to fire. Do not crush or puncture the battery, or immerse in liquids.

操作处置和储存中的防范措施

禁止物理或电滥用，禁止高温储存，最好将电池储存在阴凉、干燥、通风等温度变化较小的环境中。禁止将电池接触加热设备或将电池直接暴露与阳光中。

### Precautions to be taken in handling and storing

Avoid mechanical or electrical abuse. Storage preferably in cool, dry and ventilated area, which is subject to little temperature change. Storage at high temperatures should be avoided. Do not place the battery near heating equipment, nor expose to direct sunlight for long periods.

其他要注意的防范措施拆解、挤压、直接放入火中或高温条件下，电池可能发生爆炸和燃烧。禁止短接或将电池正负极错误的安装在设备中。

### Other Precautions

The battery may explode or cause burns, if disassembled, crushed or exposed to fire or high temperatures. Do not short or install with incorrect polarity.

## 8.Exposure controls/personal protection (接触控制/个人防护)

呼吸防护：

当电池排气阀打开时，应尽量使通风设备开至最大，避免将打开排气阀的电芯局限在某一狭窄空间内。正常操作条件下，呼吸保护是不必要的

### Respiratory Protection

In case of battery venting, provide as much ventilation as possible. Avoid confined areas with venting cell cores. Respiratory Protection is not necessary under conditions of normal use.

通风条件

正常使用条件下不需要。

### Ventilation

Not necessary under conditions of normal use.

防护手套

正常使用条件下不需要。

### Protective Gloves

Not necessary under conditions of normal use.

其他防护服装或设备

正常使用条件下不需要。

SHENZHEN GREPOW BATTERY CO.,LTD

Complex building (1st to 3rd floor), 2nd building (1st to 4th floor), 1st building (1st to 4th floor), Shenzhen Grepow Battery Co., Ltd, Huarong Road, Gaofeng community, Dalang Street, Longhua District, Shenzhen City

Tel: 0755-29045795 Fax: 0755-61558171 E-mail: huanghaixia@grepow.cn

**Other Protective Clothing or Equipment**

Not necessary under conditions of normal use.

电池开阀试验时应做好个人防护

呼吸防护, 防护手套, 防护服装和有护边的安全玻璃罩都是要准备的。

**Personal Protection is recommended for venting battery**

Respiratory Protection, Protective Gloves, Protective Clothing and safety glass with side shields.

**9. Physical and chemical properties (物理和化学特性)**

外形: 棱柱形

**Appearance:** Quadrate shape

气味: 泄漏时, 有醚的气味。

**Odour:** If leaking, smells of medical ether.

酸碱度: 不适用

**pH:** Not applicable as supplied.

燃点: 除单个电芯暴露试验外其他不适用。

**Flash Point:** Not applicable unless individual components exposed.

可燃性: 除单个电芯暴露试验外其他不适用。

**Flammability:** Not applicable unless individual components exposed.

相对密度: 除单个电芯暴露试验外其他不适用。

**Relative density:** Not applicable unless individual components exposed

溶解性(水溶性): 除单个电芯暴露试验外其他不适用。

**Solubility (water):** Not applicable unless individual components exposed

溶解性(其他): 除单个电芯暴露试验外其他不适用。

**Solubility (other):** Not applicable unless individual components exposed

**10. Stability and reactivity (稳定性和反应活性)**

稳定性: 产品在第7节所述的条件下稳定。

**Stability:** Product is stable under conditions described in Section 7.

应避免的条件: 加热70°C以上或焚烧。变形。毁坏。粉碎。拆卸。过充电。短路。长时间暴露在潮湿的条件下。

**Conditions to Avoid :** Heat above 70°C or incinerate. Deform. Mutilate. Crush. Disassemble.

Overcharge. Short circuit. Expose over a long period to humid conditions.

应避免的材料: 氧化剂, 碱, 水。

**Materials to avoid:** Oxidising agents, alkalis, water.

危险分解物: 有毒烟雾, 并可能形成过氧化物。

**Hazardous Decomposition Products :** Toxic Fumes, and may form peroxides.

聚合危害: 不适用

**Hazardous Polymerization :** N/A.

如果发生泄露, 避免与强氧化剂, 无机酸, 强碱, 卤代烃接触。

If leaked, forbidden to contact with strong oxidizers, mineral acids, strong alkalies, halogenated hydrocarbons.

SHENZHEN GREPOW BATTERY CO.,LTD

Complex building (1st to 3rd floor), 2nd building (1st to 4th floor), 1st building (1st to 4th floor), Shenzhen Grepow Battery Co., Ltd, Huarong Road, Gaofeng community, Dalang Street, Longhua District, Shenzhen City

Tel: 0755-29045795 Fax: 0755-61558171 E-mail: huanghaixia@grepow.cn



## 11.Toxicological information (毒理学资料)

标志及症状：无，除非电池破裂。

**Signs & symptoms:** None, unless battery ruptures.

内部物质暴露的情况下，蒸汽烟雾可能对眼睛和皮肤的刺激性。

In the event of exposure to internal contents, vapour fumes may be very irritating to the eyes and skin.

吸入：对肺有刺激性。

**Inhalation:** Lung irritant.

皮肤接触：对皮肤刺激性。

**Skin contact:** Skin irritant.

眼睛接触：对眼睛有刺激性。

**Eye contact:** Eye irritant

食入：吞下中毒。

**Ingestion:** Poisoning if swallowed..

下列情况下健康状况会恶化：万一发生与电池内部材料接触的事故，轻微或严重的刺激，都可能使皮肤出现干燥和灼烧的感觉，并且损坏靶器官（肝脏，肾脏）的神经。

Medical conditions generally aggravated by exposure: In the event of exposure to internal contents, moderate to server irritation, burning and dryness of the skin may occur, Target QJ/11.4393-2011.05 organs nerves, liver and kidneys.

## 12.Ecological information (生态学资料)

对哺乳动物的影响：目前未知。

**Mammalian effects:** None known at present.

生态毒性：目前未知。

**Eco-toxicity:** None known at present.

生物体内积累：慢慢地生物降解。

**Bioaccumulation potential:** Slowly Bio-degradable.

环境危害：目前没有已知的环境危害。

## 13.Disposal consideration (废弃处置)

不要焚烧，或使电池温度超过70°C，这种滥用可导致泄漏和/或电池爆炸。按照相应的地方性法规处理。

Do not incinerate, or subject cells to temperature in excess of 70°C, Such abuse can result in loss of seal leakage, and/or cell explosion. Dispose of in accordance with appropriate local regulations.

SHENZHEN GREPOW BATTERY CO.,LTD

Complex building (1st to 3rd floor) , 2nd building (1st to 4th floor ) , 1st building (1st to 4th floor ) ,  
Shenzhen Grepow Battery Co., Ltd ,Huarong Road,Gaofeng community,Dalang Street, Longhua  
District, Shenzhen City

Tel: 0755-29045795 Fax: 0755-61558171 E-mail: huanghaixia@grepow.cn



## Section 14. Transport Information (运输信息)

**运输标签:** 第九类危险品标识, 仅限货机运输标识, 第九类杂项危险品标识

**Label for conveyance:**The Class 9—Lithium Battery hazard label, the Cargo aircraft Only Label, The Class 9—Miscellaneous Dangerous Goods

**UN 编号:** UN3480 或 UN3481 或 UN3171

**UN Number:** UN3480 or UN3481 or UN3171

**包装类别:** Group II (包装指令 952 和 9671 不适用)

**Packaging Group:**Group II (Not apply to PI952 and PI967 Section I)

**EmS编号:** F-A ,S-I

**EmS No:** F-A ,S-I

**海洋污染物:** 无

**Marine pollutant:** No

在其场地内外进行运输或传送时, 用户需要了解或需要遵守的特殊预防措施: 无其它信息。

**Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises:** No further information.

**UN正确的装运名称:** 1) 锂离子电池; 2) 锂离子电池伴随设备包装在一起; 3) 锂离子电池装在设备中(包括锂离子聚合物电池); 4) 电动车辆

**UN Proper Shipping name:**. 1) Lithium ion batteries; 2) Lithium ion batteries packed with equipment; 3) Lithium ion batteries contained in equipment. (including Lithium ion polymer); 4) Batteries powered vehicle

**危害分类:** 货物应遵守 IATA 第 64 版 DGR 手册包装说明 965 IA 节或者 966~967 I 节规定(2023 年版)和海运危险货物规则(Amdt. 40-20) 2020 版和 ADR 2021, 包括通过 UN38.3 测试手册要求。

**Transport hazard class(es):** The goods shall be complied with the requirements of Section IA of Packing Instructions 965 or Section I of Packing Instructions 966~967 of 64rd DGR Manual of IATA (2023 Edition) and IMDG CODE (Amdt. 40-20) 2020 Edition and ADR 2021, including the passing of the UN38.3 test.

## 15.Regulation information (法规信息)

### 法律信息

#### Law information

《危险物品规则》

《Dangerous Goods Regulations》

《对危险货物运输的有关规定的建议》

《Recommendations on the Transport of Dangerous Goods Model Regulations》

《国际海运危险货物规则》

《International Maritime Dangerous Goods》

《危险品安全运输技术指令》

《Technical Instructions for the Safe Transport of Dangerous Goods》

《危险货物分类和品名编号》

《Classification and code of dangerous goods》

《职业安全卫生法》

SHENZHEN GREPOW BATTERY CO.,LTD

Complex building (1st to 3rd floor), 2nd building (1st to 4th floor), 1st building (1st to 4th floor), Shenzhen Grepow Battery Co., Ltd, Huarong Road, Gaofeng community, Dalang Street, Longhua District, Shenzhen City

Tel: 0755-29045795 Fax: 0755-61558171 E-mail: huanghaixia@grepow.cn

《Occupational Safety and Health Act》(OSHA)  
《有毒物质控制法》  
《Toxic Substance Control Act》(TSCA)  
《消费产品安全法》  
《Consumer Product Safety Act》(CPSA)  
《联邦环境污染控制法》  
《Federal Environmental Pollution Control Act》(FEPCA)  
《石油污染法案》  
《The Oil Pollution Act》(OPA)  
《超级基金修正案和再授权法案III(302/311/312/313)》  
《Superfund Amendments and Reauthorization Act TitleIII (302/311/312/313)》(SARA)  
《资源保护及恢复法案》  
《Resource Conservation and Recovery Act》(RCRA)  
《安全饮用水法》  
《Safety Drinking Water Act》(CWA)  
《加州65提案》  
《California Proposition 65》  
《美国联邦法规》  
《Code of Federal Regulations》(CFR)

根据所有联邦、州和地方法律。

In accordance with all Federal, State and local laws.

## 16. Other information (其他信息)

本文件仅对委托方深圳市格瑞普电池有限公司提供的，并由深圳市格瑞普电池有限公司生产的电池(TAA40K6S10ASA)有效。该电池的成分信息本公司提供并承诺其完整性和准确性。用户应仔细阅读此文件，并按照正确的方法使用电池，如因电池使用不当造成的损害或损失，深圳市格瑞普电池有限公司(GREPOW)不承担任何责任。

This file is only effective to the batteries (TAA40K6S10ASA) provided by commissioner (SHENZHEN GREPOW BATTERY CO., LTD.) The commissioner provides the composition information of batteries, and promises its integrity and accuracy. Users should read this file carefully, and use the batteries in correct method. SHENZHEN GREPOW BATTERY CO., LTD. (GREPOW) doesn't assume responsibility for any damage or loss because of misuse of batteries.

SHENZHEN GREPOW BATTERY CO.,LTD

Complex building (1st to 3rd floor) , 2nd building (1st to 4th floor ) , 1st building (1st to 4th floor ) ,  
Shenzhen Grepow Battery Co., Ltd ,Huarong Road,Gaofeng community,Dalang Street, Longhua  
District, Shenzhen City

Tel: 0755-29045795 Fax: 0755-61558171 E-mail: huanghaixia@grepow.cn