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化学品安全技术说明书

Material Safety Data Sheet (MSDS)

申请商名称 Applicant's name	深圳市德泰能源有限公司 Shenzhen Data Power Technology Ltd. LTD.									
申请商地址 Applicant's address	深圳市龙华新区龙华街道梅龙路 194 号卫东龙商务大厦 A515 5F,Building A, WeiDongLong Building, Meilong Avenue, Longhua Street, Longhua New District, Shenzhen City, P.R. China									
产品名称 Name of product	聚合物锂离子可充电电池 Polymer Li-ion Rechargeable Battery									
型号/规格 Model/type reference	DTP802535									
标称电压 Nominal Voltage	3.7V									
额定容量/ 能量 Rated Capacity / Energy	700mAh (2.59Wh)									
版本号 Version number	V1.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0									
收样日期 : Sample Received Date :	2024.12.19									
签发日期: Issued Date:	2025.01.01 CERTIFICATION (G)									

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Mickey Zhu

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Approved by: Starry Li

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第一部分 化学品及企业标识

Section 1- Chemical Product and Company Identification

产品名称	聚合物锂离子可充电电池							
Name of product	Polymer Li-ion Rechargeable Battery							
型号/规格 Model/type reference	DTP802535							
制造商名称	深圳市德泰能源有限公司							
Manufacturer's name	Shenzhen Data Power Technology Ltd.							
制造商地址 Manufacturer's address	深圳市龙华新区龙华街道梅龙路194号卫东龙商务大厦 A515 5F,Building A, WeiDongLong Building, Meilong Avenue, Longhua Street, Longhua New District, Shenzhen City, P.R. China							
应急电话	0755-23460581 邮箱							
Emergency Telephone	E-mail info@dtpbattery.com							
参考文件	依据 GB/T 17519-2013、GB/T 16483-2008 和 ISO 11014: 2009 编写							
Referenced documents	According to GB/T 17519-2013 & GB/T 16483-2008 & ISO 11014: 2009							

该 MSDS 报告由精准通检测认证(广东)有限公司编写。项目号: PTC24121919910B-LD01.

This MSDS was prepared by Precise Testing & Certification (Guangdong) Co., Ltd. Item Number: PTC24121919910B-LD01.

第二部分 危险性概述

Section 2 - Hazards Identification

危险性类别 Preparation hazards and classification	在正常使用中没有危险,不能拆除,打开,切碎聚合物锂离子可充电电池暴露出内部有害成分或燃烧聚合物锂离子可充电电池。 Not dangerous with normal use. Do not dismantle, open or shred the Polymer Li-ion Rechargeable Battery ingredients contained within or their ingredients products could be harmful.
外观颜色和气味 Apperance, Color, and Odor	无气无味的固体 Solid object with no odor, no color.
侵入途径 Primary	这些化学物品包含在密封的外壳内。如果内部电芯机械性,热的或电力性的滥用会产生接触性伤害。如果这时出现,暴露的电解液可能导致吸入摄取,眼睛接触和皮

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Route(s) of	肤接触的伤害
Exposure	These chemicals are contained in a sealed enclosure. Risk of exposure occurs only if the internal cell is mechanically, thermally or electrically abused to the point of compromising the enclosure. If this occurs, exposure to the electrolyte solution contained within can occur by Inhalation, Ingestion, Eye contact and Skir contact
	急性中毒: 看第八部分暴露控制。一旦聚合物锂离子可充电电池破裂,内部电芯内的电解质溶液将具有腐蚀性,并可能导致烧伤。 ACUTE (short term): see Section 8 for exposure controls. In the event that this internal cell has been ruptured, the electrolyte solution contained within the Polymer Li-ion Rechargeable Battery would be corrosive and can cause burns. 吸入: 密封的聚合物锂离子可充电电池内不认为有浸入危害。 Inhalation: Inhalation of materials from a sealed Polymer Li-ion Rechargeable Battery is not an expected route of exposure. 食入: 聚合物锂离子可充电电池可能会被吞咽。密封的聚合物锂离子可充电电池会
健康危害	吞咽暴露材料。 Ingestion:Polymer Li-ion Rechargeable Battery can be swallowed. Swallowing of materials from a sealed Polymer Li-ion Rechargeable Battery is an expected
Potential Health Effects:	route of exposure. 皮肤: 皮肤接触密封的聚合物锂离子可充电电池将不会导致任何伤害。皮肤接触未密封的内部电芯将导致严重的过敏或刺激。 Skin: Contact between the Polymer Li-ion Rechargeable Battery and skin will not cause any harm. Skin contact with contents of an open internal cell can cause severe irritation or burns to the skin. 眼睛: 眼睛接触密封的聚合物锂离子可充电电池将不会导致任何伤害。眼睛接触未密封的内部电芯将导致严重的过敏或刺激。
	Eye: Contact between the Polymer Li-ion Rechargeable Battery and the eye will not cause any harm. Eye contact with contents of an open internal cell can cause severe irritation or burns to the eye. 慢性中毒: 看第十一部分附加的毒理学资料。 CHRONIC (long term): see Section 11 for additional toxicological data
致癌物质 Reported as carcinogen	不适用 Not applicable

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第三部分 成份/组成信息

Section 3 - Composition/Information on Ingredients

聚合物锂离子可充电电池的分类	□物质⊠混合物	
Classification of the Polymer Li-io	on Rechargeable Battery	substance⊠mixture

化学名称	CAS 号	百分含量
Chemical Name	CAS Number	Weight-%
钴酸锂 Lithium cobaltate	12190-79-3	27.729
聚偏二氟乙烯 Polyvinylidene fluoride	24937-79-9	0.593
石墨 Graphite	7782-42-5	14.584
碳酸乙烯酯 Ethylene carbonate	96-49-1	3.465
碳酸甲乙酯 Ethyl methyl carbonate	623-53-0	8.795
碳酸丙烯酯 Propylene carbonate	108-32-7	1.613
1,3-丙烷磺酸内酯 1,3-Propanesultone	1120-71-4	0.504
碳酸亚乙烯酯 Vinylene carbonate	872-36-6	0.168
六氟磷酸锂 Lithium hexafluorophosphate	21324-40-3	2.184
羧甲基纤维素钠 Carboxymethyl cellulose	9004-32-4	0.183
聚乙烯 Polypropylene	9002-88-4	5.457
铜 Copper (Copper (Cop	7440-50-8	16.877
铝 Aluminium	7429-90-5	11.321
镍 Nickel	7440-02-0	4.364
丁苯橡胶 Styrene-butadiene rubber	9003-55-8	0.677
炭黑 Carbon Black	1333-86-4	1.487

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注: CAS 号是化学文摘社的注册号。

Note: CAS number is Chemical Abstract Service Registry Number.

N/A: 不适用Not applicable.

第四部分 急救措施

Section 4 - First-aid Measures

吸入	如果吸入未密封的内部电芯,立即转移到有新鲜空气的地方,同时对受污染区域通风。
Inhalation	就医处理。
	If contents of an opened internal cell are inhaled, remove source of contamination
	or move victim to fresh air. Obtain medical advice.
皮肤接触	如果皮肤可能接触未密封的内部电芯,尽可能迅速的移开被污染的衣服,鞋和皮革物。
Skin contact	用大量的清水冲洗至少 30 分钟。速就医。再使用和丢弃衣服,鞋和皮革物之前要充分的净化。
	If skin contact with contents of an open internal cell occurs, as quickly as possible remove contaminated clothing, shoes and leather goods. Immediately flush with lukewarm, gently flowing water for at least 30 minutes. If irritation or pain persists, seek medical attention. Completely decontaminate clothing, shoes and leather goods before reuse or discard.
眼睛接触 Eye contact	如果眼睛可能接触未密封的内部电芯,立即用清水冲洗至少 30 分钟保持眼睛睁开,中性盐溶液尽快适用,速就医。
	If eye contact with contents of an open internal cell occurs, immediately flush the contaminated eye(s) with lukewarm, gently flowing water for at least 30 minutes while holding the eyelids open. Neutral saline solution may be used as soon as it is available. Take care not to rinse contaminated water into the unaffected eye or onto face. Quickly transport victim to an emergency care facility.
食入 Ingestion	如果食入未密封的内部电芯,不要催吐,立即用清水漱口,速就医。 If ingestion of contents of an open internal cell occurs, DO NOT INDUCE VOMITING. Have victim rinse mouth with water again. Quickly transport victim to an emergency care facility.

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第五部分 消防措施

Section 5 – Fire-fighting Measures

易燃的特性 Flammable Properties 如果这个聚合物锂离子可充电电池已经破裂,内部电芯中的电解质溶液将是易燃的。像任何密封容器一样,聚合物锂离子可充电电池在暴露于过热时可能会破裂;这可能会导致易燃或腐蚀性物质的释放。

In the event that this Polymer Li-ion Rechargeable Battery has been ruptured, the electrolyte solution contain within the Internal cell would be flammable. Like any sealed container, Polymer Li-ion Rechargeable Battery may rupture when exposed to excessive heat; this could result in the release of flammable or corrosive materials.

燃爆危害:过度加热会导致内含物溢出。

Flammability hazard: Excessive heat can cause inclusions to escape.

燃烧产物和内部物质与空气和水接触的生成物包括: CO, CO_2, HF , 氟氧化磷, 锂的金属氧化物, 其他刺激性和毒性气体等。

Combustion products and internal substances in contact with air and water products include: CO, CO₂, HF, phosphorus fluoride oxide, metal oxides of lithium, other irritant and toxic gases.

使用合适燃烧材料的灭火器,如:干粉,二氧化碳,砂子,土等灭火。

Use extinguishing media suitable for the materials that are burning, Such as dry powder, CO₂, soil sand and so on.

如果发生火灾,疏散该地区,并在安全距离下灭火。在安全距离灭火时,需要佩戴压力自主呼吸器。

As for any fire, evacuate the area and fight the fire from a safe distance. Wear a pressure-demand, self-contained breathing apparatus and full protective gear. Fight fire from a protected location or a safe distance.

第六部分 泄漏应急处理

Section 6 - Accidental Release Measures

个人预防措施、防护设备和应急程序

Personal Precautions, protective equipment, and emergency procedures

在清理工作完成之前,禁止进入该区域。不要碰溢 出的材料。按照第8节的规定,穿戴足够的个人 防护装备。

Restrict access to area until completion of clean-up. Do not touch the spilled material. Wear

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	adequate personal protective equipment as indicated in Section 8.	
环保措施	防止材料污染土壤和进入下水道或水道。	
Environmental Precautions	Prevent material from contaminating soil and	
. 6. 6. 6. 6. 6. 6. 6.	from entering sewers or waterways.	
密封材料的方法	如果安全的话,就堵住泄漏。用干沙子或泥土把溢	
Methods and materials for Containment	出的液体堵住。立即清理溢出物。	
	Stop the leak if safe to do so. Contain the spilled	
	liquid with dry sand or earth. Clean up spills	
	immediately.	
清理材料的方法	用惰性吸附剂(干沙子或泥土)吸收溢出的材料。将	
Methods and materials for cleaning up	受污染的吸收剂倒入可接受的废物容器中。收集所	
	有受污染的吸收剂,并按照第13章的废弃弃置。	
	用清洁剂和水擦洗该区域;收集所有受污染的洗净	
	水,妥善处理。	
	Absorb spilled material with an inert absorbent	
	(dry sand or earth). Scoop contaminated	
	absorbent into an acceptable waste container.	
	Collect all contaminated absorbent and dispose	
	of according to directions in Section 13. Scrub	
	the area with detergent and water; collect all	
	contaminated wash water for proper disposal.	

第七部分 操作处置与储存 Section 7 – Handling and Storage

操	· 操作	810	Q.	Q.	670	670	é é	不要将聚合物锂离子可充电电池和金属制品一同
Н	andlin	NO.						处理。不要打开, 拆解, 挤压或燃烧聚合物锂离子可充电电池。确保工作场所通风良好。防止粉尘的
G								形成。
								Don't handle Polymer Li-ion Rechargeable
40								Battery with metalwork. Do not open, dissemble,
								crush or burn Polymer Li-ion Rechargeable
3								Battery. Ensure good ventilation/ exhaustion at

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0	S.C.	2/0	610	Sico.	S.C.	2/0	éic i	the workplace.
6								Prevent formation of dust.
								爆炸和着火防护信息:远离火源——严禁吸烟。
0								Information about protection against explosions
								and fires: Keep ignition sources away- Do not
0	20	20	20	AG.	XG.	20	XC .	smoke.
储	存							如果聚合物锂离子可充电电池将进行超过3个月
S	torage							的长时间存储,建议定期对聚合物锂离子可充电电
6								池进行充电。
								If the Polymer Li-ion Rechargeable Battery is
0								subject to storage for such a long term as more
								than 3 months, it is recommended to recharge
Q.								the Polymer Li-ion Rechargeable Battery
								periodically.
V								建议长时间存储将存储温度控制在 0℃~35℃,45
6								to 85%RH.
								And recommended at 0°C~35°C, 45 to 85%RH
0								for long period storage.
								不要将聚合物锂离子可充电电池随意的放置在箱
O								子或抽屉,这样也许会使聚合物锂离子可充电电池
								互相短路或被其他金属物品短路。
Q.								Do not store Polymer Li-ion Rechargeable
Ci.								Battery haphazardly in a box or drawer where
								they may short-circuit each other or be
G.								short-circuited by other metal objects.
								放置于小孩不能接触的地方。
O								Keep out of reach of children.
								不要将聚合物锂离子可充电电池暴露在热源或火
0								焰中。避免放置在阳光直射的地方。
c.								Do not expose Polymer Li-ion Rechargeable
2								Battery to heat or fire. Avoid storage in direct
6								sunlight.
								不要将聚合物锂离子可充电电池与氧化物和酸性
O								物质存储在一起。
	6,	8,	6,	6,	6,	6,	6.	Do not store Polymer Li-ion Rechargeable

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3	S.C.	Sec.	Q.	STO.	é,	2	é é	Battery together with oxidizing and acidic
o Co							-6	materials.

第八部分 接触控制和个人防护 Section 8 – Exposure Controls and Personal Protection

工程控制	8,	8,	8,	4,	8,	6, 0	使用当地的排气通风或其他工程控制来控制灰尘。
Enginee	ring C	ontrols					雾、烟雾和蒸汽的来源。
							Use local exhaust ventilation or other
							engineering controls to control sources of dust,
							mist, fumes and vapor. 远离热源和明火。存放于阴凉干燥处。
S &C	\$ KC	& C	e ^C C	₹ ^C	8KG	of a	Keep away from heat and open flame. Store in a cool, dry place.
个人防护	20						呼吸保护:正常情况下不需要。
Persona	l Prote	ective E	quipm	ent			Respiratory Protection: Not necessary under normal conditions.
							皮肤和身体保护:在正常情况下不需要,如果处理
							打开或泄漏的聚合物锂离子可充电电池,戴氯丁核
							胶或丁腈橡胶手套。
							Skin and body Protection:Not necessary unde
							normal conditions, Wear neoprene or nitrile rubber gloves if handling an open or leaking
							Polymer Li-ion Rechargeable Battery.
							手保护:如果操作打开或泄漏的聚合物锂离子可充 电电池,应佩戴氯丁橡胶或天然橡胶手套。
							Hand protection: Wear neoprene or natural rubber material gloves if handling an open or
							leaking Polymer Li-ion Rechargeable Battery. 眼睛保护:在正常情况下不需要,如果处理打开或
							泄漏的聚合物锂离子可充电电池,请佩戴安全眼 镜。

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	Eye Protection: Not necessary under normal conditions, Wear safety glasses if handling an open or leaking Polymer Li-ion Rechargeable Battery.
其他防护设备	在工作区域内准备一个安全的淋浴器和洗眼器。
Other Protective Equipment	Have a safety shower and eye wash fountain readily available in the immediate work area.
卫生措施	不要在工作区域吃、喝、抽烟。
Hygiene Measures	Do not eat, drink, or smoke in work area. 保持工地整洁。
	Maintain good housekeeping.

第九部分 理化特性

Section 9 - Physical and Chemical Properties

0 40 40 40	形态: 固体 Form: Solid	, to to to to to to to to to
is the test	形状: 近长方体	
物理状态 Shape: Almost c		
Physical State	颜色: 银色	9 9 9 9 9 9 9 9
0 00 00 0	Color: Silver	
4, 4, 4,	气味: 无气味	4 4 4 4 4 4 4 4
o yo yo yo	Odor: Odorless	
pH值,表示浓度		不适用
pH, with indication of	the concentration	Not applicable
熔点与凝固点	20 20 20 20	没有相关资料
Melting point/freezing	g point	No relevant informationAvailable
沸点	XO XO XO X	没有相关资料
Boiling Point	8, 8, 8, 8,	No relevant informationAvailable
闪点	No No No No	没有相关资料
Flash Point	X X X X	No relevant informationAvailable
上/下可燃性或爆炸性	极限	没有相关资料
Upper/lower flammal	oility or explosive limits	No relevant informationAvailable
蒸气压		不适用

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Vapor Pressure	Not applicable
蒸汽密度(1个大气压)	不适用
Vapor Density (Air = 1)	Not applicable
密度/相对密度	没有相关资料
Density/relative density	No relevant informationAvailable
水溶性	不相溶
Solubility in Water	Insoluble
分解温度	没有相关资料
Decomposition temperature	No relevant informationAvailable
蒸发率	没有相关资料
Evaporation rate	No relevant informationAvailable
可燃性(土壤,大气)	没有相关资料
Flammability (soil, gas)	No relevant informationAvailable
粘度	不适用
Viscosity	Not applicable

第十部分 稳定性和反应活性 Section 10 - Stability and Reactivity

稳定性 Stability	XO XO XO X	聚合物锂离子可充电电池在正常工作条件下是稳定的。
		The Polymer Li-ion Rechargeable Battery is stable under normal conditions.
避免条件 (静态放电,冲击		聚合物锂离子可充电电池不能有机械冲击。
Conditions to Avoid (e.g. s	static discharge, shock	Do not subject Polymer Li-ion Rechargeable
or vibration)		Battery to mechanical shock. 在运输期间的振动不能导致漏液,火灾或爆炸。
e ve ve ve ve		Vibration encountered during transportation
		does not cause leakage, fire or explosion. 不能拆开,碾碎,短路或错误的极性安装。
e to to to to		Do not disassemble, crush, short or install with incorrect polarity.
e de de de de	to to to	避免机械或电力滥用。 Avoid mechanical or electrical abuse.

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不相容材料	没有相关资料
Incompatible Materials	No relevant informationAvailable
危险分解产品	这种材料如果燃烧或暴露在火中,可能会释放出有
Hazardous Decomposition Products	毒的烟雾
6, 6, 6, 6, 6, 6, 6,	This material may release toxic fumes if burned
O NO NO NO NO NO NO	or exposed to fire
危险反应的可能性	没有相关资料
Possibility of Hazardous Reaction	No relevant informationAvailable

第十一部分 毒理学信息

Section 11 - Toxicological Information

只有当内部电芯被机械、热或电滥用到损害外壳的
程度时,才会发生刺激的风险。如果发生这种情况,
皮肤、眼睛和呼吸道可能会受到刺激。
Risk of irritation occurs only if the internal cell is
mechanically, thermally or electrically abused to
the point of compromising the enclosure. If this
occurs, irritation to the skin, eyes and respiratory
tract may occur.
没有相关资料
No relevant informationAvailable

第十二部分 生态学信息

Section 12 - Ecological Information

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一般性注释	1级水危害(自评):对水有轻微危害。
General note:	Water hazard class 1(Self-assessment): slightly hazardous for water. 不要让未经稀释的产品或大量的产品到达地下水,水道或污水系统。 Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. 处置废弃电池时,远离火源,雨水和雪水。 Dispose of batteries away from fire, rain and
化学品在环境中的预期行为/可能的环境影响/生态毒性 Anticipated behavior of a chemical product in environment/possible environmental impace/ecotoxicity	数有相关资料 No relevant informationAvailable
土壤中移动性 Mobility in soil	没有相关资料 No relevant informationAvailable

持久性和降解性	没有相关资料
Persistence and Degradability	No relevant informationAvailable
生物体内积累的潜伏	没有相关资料
Bioaccumulation potential	No relevant informationAvailable
其他有害效应	没有相关资料
Other Adverse Effects	No relevant informationAvailable

第十三部分 废弃处置

Section 13 – Disposal Considerations

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废弃聚合物锂离子可充电电池不能直接当作普通垃圾处理。

Disposal Polymer Li-ion Rechargeable Battery cannot be directly treated as ordinary garbage.

产品处理建议:遵守当地、州和联邦法律法规。包装处理建议:注意废弃聚合物锂离子可充电电池可能引起火灾,用胶带将聚合物锂离子可充电电池端子绝缘。不要拆卸聚合物锂离子可充电电池。完全排出容器(无泪滴,无粉末残留,仔细刮擦)。容器可以回收或再使用。遵守当地、州和联邦的法律法规。

Product disposal recommendation: Observe local, state and federal laws and regulations.

Packaging disposal recommendation: Be aware discarded Polymer Li-ion Rechargeable Battery may cause fire, tape the Polymer Li-ion Rechargeable Battery terminals to insulate them. Don't disassembly the Polymer Li-ion Rechargeable Battery. Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used. Observe local, state and federal laws and regulations.

第十四部分 运输信息

Section 14 – Transport Information

本聚合物锂离子可充电电池(DTP802535)已通过 UN38.3 测试,并符合联合国关于危险货物运输的建议;国际航空运输协会危险品规定,以及美国交通部安全运输电动汽车的相关规定。

The Polymer Li-ion Rechargeable Battery(DTP802535) had passed the UN 38.3 test and also complies with the United Nations Recommendations on the Transport of Dangerous Goods; IATA Dangerous Goods regulations, and applicable U.S. DOT regulations for the safe transport of Polymer Li-ion Rechargeable Battery.

电池遵循国际航空运输协会《危险品规则》:

Battery follows the IATA Dangerous Goods Regulations:

PI 965 – UN 3480, Lithium ion cells and batteries (锂离子电芯/电池);

PI 966 – UN 3481, Lithium ion batteries contained in equipment (与设备包装在一起的锂离子电芯/电池);

PI 967 – UN 3481, Lithium ion batteries packed with equipment (安装在设备中的锂离子电芯/电池);

PI 968 – UN 3090, Lithium metal cells and batteries (锂金属电芯/电池);

PI 969 - UN 3090, Lithium metal batteries contained in equipment (与设备包装在一起的锂金属电芯/电池);

PI 970 – UN 3091, Lithium metal batteries packed with equipment (安装在设备中的锂金属电芯/电池);

PI 976 - UN 3551, Sodium ion cells and batteries (纳离子电芯/电池);

PI 977 - UN 3552, Sodium ion batteries packed with equipment (与设备包装在一起的钠离子电芯/电池);

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PI 978 - UN 3552, Sodium ion batteries contained in equipment (安装在设备中的钠离子电芯/电池)

PI 952 - UN 3556, Vehicle, lithium ion battery powered (车辆由锂离子电池驱动);

PI 952 - UN 3557, Vehicle, lithium metal battery powered (车辆由锂金属电池驱动);

PI 952 - UN 3558, Vehicle, sodium ion battery powered (车辆由钠离子电池驱动)。

本聚合物锂离子可充电电池根据国际航空运输协会 DGR 第 66 版新包装指令 PI 965/968/976 Section IA/IB;

PI 966/969/977 Section I/II; PI 967/970/978 Section I/II和 PI 952 Section I/II 进行运输。

The Polymer Li-ion Rechargeable Battery is transported according to the NEW PACKING INSTRUCTION PI 965/968/976 Section IA/IB; PI 966/969/977 Section I/II; PI 967/970/978 Section I/II and PI 952 Section I/II of IATA DGR 66th edition.

运输方式:空运、海运、陆运、铁路运输。

The mode of transportation: Air transportation, Sea transportation, Road transportation, Railway transportation.

空运标签: 锂电池标签或钠离子标签和第九类危险品标签和仅限货机标签。

Label for Air transportation: Lithium battery Label, sodium ion battery Label and Hazard Class 9 label and Cargo Aircraft only.

海运,陆运,铁路运输标签:锂电池标签或钠离子标签。

Label for Sea transportation, Road transportation, Railway transportation: Lithium battery Label or sodium ion battery Label.

锂电池的国际运输有以下组织制订了规则:

International transport of lithium batteries is regulated by the following organizations:

- 国际民航组织 ICAO《危险物品航空安全运输技术导则》
- The International Civil Aviation Organization (ICAO) Technical Instructions.
- 国际航空运输协会 IATA《危险品规则》第 66 版
- The International Air transport Association (IATA) Dangerous Goods Regulations. 66th edition.
- 国际海事组织 IMO《国际海运危险货物规则》 IMDG(41-22)
- The International Maritime Dangerous Goods (IMDG) Code. IMDG(41-22)

第十五部分 法规信息

Section 15 - Regulatory Information

《危险品规则》

《Dangerous Goods Regulations》

《国际海运危险货物规则》

《International Maritime Dangerous Goods》

《联合国危险品货物运输规章范本》

《United Nations Recommendations on the Transport of Dangerous GoodsRegulations》

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《危险品货物分类和品名编号》

《Classification and code of Dangerous Goods》

《职业安全卫生法》

《Occupational Safety and Health Act》(OSHA)

《毒性物质控制法》

《Toxic Subatance Control Act》(TSCA)

《附加基金修正复审法 III (302/311/312/313)》

《Superfund Amendments and Reauthorization Act Title III (302/311/312/313) 》

参照联合国, 国家, 地方性法规。

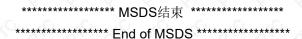
In according with United Nations, country, and local laws.

第十六部分 其他信息

Section 16 - Other Information

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