



新普科技股份有限公司
新世電子(常熟)有限公司
新普科技(重慶)有限公司
華普電子(常熟)有限公司
Simplo Technology Co., Ltd.
Simplo Technology(Changshu)Inc.
Simplo Technology(Chongqing)Inc.
Huapu Technology(Changshu)Inc.

SAFETY DATA SHEET

安全技術說明書

Issued/Revised date 發佈/更改日期: September 14 2023

Document No 文件編號.: HP-230914001

a. Product and Company Identification 產品與廠商資料

Product Name產品名稱		Rechargeable Lithium-Ion Battery Pack 鋰離子電池組
Model Name型號		Refer to appendix 17
Manufacturer Part Number 製造商零件編號		Refer to appendix 17
Customer Part Number客戶零件編號:		Refer to appendix 17
Rating Watt hour (WH) 電池電力(瓦時)		Refer to appendix 17
Details of the supplier of the product 產品供應商的詳細訊息:		
Company (Taiwan) 台灣總公司	Name名稱	SIMPLO TECHNOLOGY CO., LTD. 新普科技股份有限公司
	Address地址:	No. 471, Sec. 2, Bade Rd., Hu Kou Township, Hsinchu County, 30348, Taiwan 台灣, 新竹縣湖口鄉八德路二段471號
	Telephone電話	+886-3-5695920
	Fax傳真	+886-3-5695931
Manufacturer (Changshu) 製造商(常熟廠)	Name名稱	SIMPLO TECHNOLOGY(CHANGSHU)INC. 新世電子(常熟)有限公司
	Address地址	No.888 Dong Nan Avenue, Chang Shu, Jiang Su Province, China 中國, 江蘇省常熟市高新技術產業開發區東南大道 888 號
	Telephone電話	+86-512-52302255
	Fax傳真	+86-512-52302277
Manufacturer (Chongqing) 製造商(重慶廠)	Name名稱	SIMPLO TECHNOLOGY(CHONGQING) INC 新普科技(重慶)有限公司
	Address地址	NO.2 Zongbao Avenue Shapingba District, Chongqing China 中國, 重慶市沙坪壩綜保大道二號



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Manufacturer (Huapu) 製造商(華普廠)	Telephone電話	+86-23-61718899
	Fax傳真	+86-23-61710488
	Name名稱	HUAPU TECHNOLOGY(CHANGSHU)INC. 華普電子(常熟)有限公司
	Address地址	No.888 Dong Nan Avenue, Chang Shu, Jiang Su Province, China 中國, 江蘇省常熟市高新技術產業開發區東南大道 888 號
	Telephone電話	+86-0512-52302255
	Fax傳真	+86- 0512-52302277
Emergency phone number 緊急電話: +886-3-5695920		

2.Hazard(s) identification 危害識別

The battery is considered as an 「article」 The product is outside of the scope of GHS system
電池被視為「成品」, 產品不在GHS體系涵蓋範圍內

Main Hazards主要危害	When the battery is in extreme pressure deformation, high-temperature environment, overload, short-circuit condition, or disassemble the battery, an explosion of fire and chemical burn hazards may occur. 當電池處於擠壓變形、高溫環境、過載、短路狀態或拆卸電池時, 可能會發生爆炸火災和化學灼傷危險。
Health Hazards健康危害	Contact with the electrolyte of battery may be irritating to skin. Eyes and mucous membranes. Fire will produce irritating corrosive and/or toxic gases. Fumes may cause dizziness or suffocation 與電池電解液接觸可能會刺激皮膚。眼睛和粘膜。火災會產生刺激性的腐蝕性和/或有毒氣體。煙霧可能導致頭暈或窒息。
Description of any hazards not otherwise classified 其他未分類危險性說明	Do not dismantle, open or shred the battery, the ingredients contained within could be harmful. 請勿拆卸、打開或撕碎電池, 其中含有的成分可能有害
Ingredient with unknown acute toxicity 未知的急性毒性成份	No information available. 無資料



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3. Composition / Identification on Ingredients 成分組成信息

Mixtures information: ingredients contained within the battery

混合物信息：電池中包含的成分

	Battery Constituents in Percentage									
Lithium ion Battery Composition	Lead (Pb)	Zinc (Zn)	Lithium (Li)	Nickel (Ni)	Iron (Fe)	manganese (Mn)	Cobalt (Co)	Cadmium (Cd)	Plastic	Other Material or Metals
Lithium-Ion Battery	0.00000~0.004%	0.00000~5%	0.01000~4%	0.0500~5%	0.00001~5%	0.00000~3%	0.00001~2%	0.00000%	0.50000~20%	55.996~99.43998%

Hazardous Ingredients 化學物質名稱	Weight-% 重量%	CAS Number CAS 號碼
Cobalt oxide 氧化鈷	< 30 %	1307-96-6
Manganese dioxide 二氧化錳	< 30 %	1313-13-9
Nickel oxide 氧化鎳	< 30 %	1313-99-1
Carbon 碳	< 30 %	7440-44-0
Electrolyte (*) 電解質(專利)	< 20 %	616-38-6
Polyvinylidene fluoride (PVdF) 聚偏氟乙烯(PVdF)	< 10 %	24937-79-9
Aluminium foil 鋁箔	2 – 10 %	7429-90-5
Copper foil 銅箔	2 – 10 %	7440-50-8
Aluminium and inert materials 鋁和惰性材料	5 – 10 %	7429-90-5

4. First Aid Measures 急救措施

(a) Description of first aid measures 急救措施說明



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Caution! No effect under routine handling and use. If exposure to internal materials within cell due to damaged outer metal casing, the following actions are recommended.

警告！ 在日常處理和使用下沒有影響。如果由於外部金屬外殼損壞而接觸到電池內部材料，建議採取以下措施。

Inhalation: 吸入	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if you feel unwell. 將傷者轉移到空氣新鮮處，保持呼吸舒適的休息姿勢。 如果您感到不適，請就醫。
Skin contact: 皮膚接觸	Immediately flush skin with copious amounts of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing and shoes before reuse. Get medical aid. 若接觸到電池內物質，脫去受污染的衣物和鞋襪，立即用清水沖洗15分鐘以上。若刺激持續請就醫。
Eye contact: 眼睛接觸	Rinse cautiously with water for 15-20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. 若接觸到電池內物質，用水小心沖洗 15-20 分鐘。取下隱形眼鏡（如果有且易於操作）。若眼睛刺激持續請就醫
Ingestion 食入	Swallowing battery will be damaged to the respiratory tract and cause chemical burns to the stomach; in serious conditions it will cause Permanent damage. 食入會對呼吸道產生傷害、對腸胃產生燒傷，嚴重會造成永久性損害

(b) Most important symptoms/effects, acute and delayed 主要症狀，急性和遲發性效應

No effect under routine handling and use 在日常處理和使用下沒有影響

© Immediate medical attention and special treatment 醫療護理和特殊治療

Note to physicians: Treat symptomatically and supportively. 醫生須知：對症治療。

5. Fire Fighting Measures滅火措施

Suitable extinguishing Media 滅火方法和滅火劑	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. 使用適合當地環境和周圍環境的滅火措施
Unsuitable extinguishing Media 不合適的滅火方法和滅火劑	CAUTION: Use of water spray when fighting fire may be inefficient.



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	注意：滅火時使用噴水器可能效率降低。
Specific Hazards arising from the chemical 特殊危害	Product is or contains a sensitizer. May cause sensitization by skin contact. 產品或/含有一種導致敏感原，可能因皮膚接觸而引起過敏作用。
Hazardous Combustion Products 危險易燃產品	Carbon oxides. 碳氧化物。
Explosion Data 爆炸資料	Sensitivity to Mechanical Impact: No. 機械衝擊靈敏度：不敏感。 Sensitivity to Static Discharge: No. 靜電靈敏度：不敏感。
Protective Equipment and precautions for firefighters 消防員的防護設備及注意事項	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. 在任何火災中，佩戴自給式呼吸器壓力要求、MSHA/NIOSH (批准或同等) 和全套防護裝備。

6. Accidental Release Measures 洩漏處理方法

Personal precautions, protective equipment and emergency procedures 作業人員防護措施、防護設備和應急處置程式	<u>Personal Precautions: Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas.</u> 作業人員注意事項：避免接觸皮膚、眼睛或衣服。確保作業場所通風充足，根據需要使用個人防護裝備，疏散人員到安全區域。
Methods and materials for containment and cleaning up 洩露化學品的收容和清理方法	<u>Methods for Containment: Prevent further leakage or spillage if safe to do so.</u> <u>Methods for cleaning up: Pick up and transfer to properly labeled containers.</u> 抑制方法：在安全的情況下防止進一步洩漏或溢出。 清理方法：撿起並轉移到張貼適當標籤的容器中。

7. Handling and Storage 處理和儲存

Precautions for safe handling 安全處理的注意事項	Do not expose the battery to excessive physical shock or vibration. Short-circuiting should be avoided. However, accidental short-circuiting for a
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	few seconds will not seriously affect the battery. Prolonged short circuits will cause the battery to rapidly lose energy, could generate enough heat to burn skin. Sources of short circuits include jumbled batteries in bulk containers, coins, metal jewelry, metal covered tables, or metal belts used for assembly of batteries in devices. To minimize risk of short-circuiting, the protective case supplied with the battery should be used to cover the terminals when transporting or storing the battery. Do not disassemble or deform the battery. Should an individual cell within a battery become ruptured, do not allow contact with water. 不要讓電池受到過度的物理衝擊或振動。應避免短路。但是，幾秒鐘的意外短路不會對電池造成嚴重影響。長時間的短路會導致電池迅速失去能量，可能產生足夠的熱量來灼傷皮膚。短路的來源包括散裝容器中的雜亂電池、硬幣、金屬首飾、金屬覆蓋的桌子或用於在設備中組裝電池的金屬帶。為將短路風險降至最低，在運輸或存放電池時，應使用電池隨附的保護盒蓋住端子。請勿拆卸或變形電池。如果電池中的單顆電池發生破裂，請勿與水接觸。
Conditions for safe storage, including any incompatibilities 安全儲存條件，包括任何不相容性	The lithium ion battery should be between 25% and 75% of full charge when stored for a long period of time. Stored in a cool, dry, and well-ventilated area. Elevated temperatures can result in loss of battery performance, leakage, or rust. Do not expose the battery to open flames. 鋰離子電池在長時間存放時應充滿電量的 25% 至 75%。存放在陰涼、乾燥、通風良好的地方。溫度升高會導致電池性能下降、洩漏或生鏽。不要將電池暴露在明火中。

8. Exposure Controls / Personal Protection 接觸控制/個人防護

Appropriate Engineering Controls	Choose the suitable ventilation equipment; provide
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適當的工程控制	sufficient quantity of fire extinguishers, gas mask and water; equip with metal storage containers and bathing equipment 選擇合理的通風設備，提供足夠數量的防毒面具滅火器及水源，配置存放電池的金屬容器和洗浴設備
Respirator Protection 呼吸系統防護	Normally there is no need to do protection. Wear government approved respirator, if needed 正常情況下無必要作防護 若需要,請佩帶管理部門認可的面罩.
Eye/Face Protection 眼睛/面部防護	Normally there is no need to do protection Wear chemical safety glasses, if needed 正常情況下無必要作防護 若需要, 請佩戴安全防護眼鏡
Skin Protection 皮膚防護	Hand protection: Wear safety gloves Foot Protection: Steel toed shoes recommended for large container handling Body protection: Wear appropriate protective clothing 手部防護, 請佩帶安全手套。 足部防護, 處理大量電池時建議穿著鋼頭鞋 身體防護: 穿戴一般作業防護服。
Other Protection 其他防護	No smoking, drinking and eating at working site, Wash thoroughly after handling 工作場所嚴禁吸菸、進食和飲水。工作後淋浴更衣

9. Physical and Chemical Properties 物理和化學特性

Physical Properties 物理特性	Physical state 物理狀態	Solid 固體
	Appearance 外觀	Black Plastics or Mylar film shell 黑色塑膠或聚酯薄膜外殼
	Color 顏色	Black 黑色
	Odor 氣味:	Odorless 無味
	Odor Threshold 嗅覺閾值	No information available 無資料
Chemical Properties 化學特性:		
Property 特性	Values 值	Remarks/ Method 備註
Ph 酸鹼度	8~9	None known未知
Melting / freezing point	No data available無資料	None known未知



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熔點和冰點		
Boiling point / boiling range 沸點/沸程	No data available無資料	None known未知
Flash Point 閃點	No data available無資料	None known未知
Evaporation Rate 蒸發率	No data available無資料	None known未知
Flammability (solid, gas) 易燃性 (固體、氣體)	No data available無資料	None known未知
Flammability Limit in Air 空氣中的易燃性限制 Upper/ Lower flammability 上下燃點限制	No data available無資料	-
Vapor pressure 蒸氣壓力	No data available無資料	None known未知
Vapor density 蒸汽密度	No data available無資料	None known未知
Specific Gravity 比重	No data available無資料	None known未知
Water Solubility 水溶性	No data available無資料	None known未知
Solubility in other solvents 其他溶劑中的溶解度	No data available無資料	None known未知
Partition coefficient n-octanol/water: n-辛醇/水分配係數(對數值)	No data available無資料	None known未知
Autoignition temperature 自燃溫度	130°C	None known未知
Decomposition temperature 分解溫度	No data available無資料	None known未知
Kinematic viscosity 運動黏度	No data available無資料	None known未知
Dynamic viscosity 動態黏度	No data available無資料	None known未知
Explosive properties 爆炸特性	No data available無資料	None known未知
Oxidizing Properties 氧化特性	No data available無資料	None known未知

10. Stability and Reactivity 安定性與反應性

Reactivity 反應性	None during normal operating or handling conditions. 在正常操作或處理條件下,無不良反應。
Chemical stability 化學穩定性	Stable under recommended storage conditions. 在推薦的儲存條件下保持穩定。
Possibility of Hazardous Reactions	None under normal processing



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發生危險反應的可能性	正常處理下，無
Hazardous Polymerization 危險聚合	Hazardous polymerization does not occur. 不會發生危險的聚合反應。
Conditions to avoid 應避免的條件	None known based on information supplied. 根據提供的訊息，未知
Incompatible materials 不相容物質	Strong acids. Strong oxidizing agents. Strong bases. 強酸。強氧化劑
Hazardous Decomposition Products 危險分解產物	Carbon oxides. 碳氧化物。

11. Toxicological Information 毒性學信息

(a) Information on the likely routes of exposure 可能接觸的途徑

Product Information 產品資訊	Product does not present an acute toxicity hazard based on known or supplied information. In case of rupture 如有破裂，根據已知或提供的資訊，產品不存在急性毒性危害。
Inhalation 吸入	No effect under routine handling and use for sealed battery. If battery is broken, inhale fume/dust may cause irritation, chemical burns or lung edema. 密封電池在常規處理和使用下無影響。如果電池壞了，吸入煙霧/灰塵可能會引起刺激、化學灼傷或肺水腫。
Eye Contact 眼部接觸	Specific test data for the substance or mixture is not available. Expected to be an irritant based on components. Irritating to eyes. May cause redness, itching, and pain. May cause temporary eye irritation. 沒有關於該物質或混合物的具體測試資料。成分可能是刺激物，刺激眼睛，可能會引起發紅、搔癢和疼痛可能會引起暫時性的眼睛刺激。
Skin Contact 皮膚接觸	Specific test data for the substance or mixture is not available. Expected to be an irritant based on components. Irritating to skin. Prolonged contact may cause redness and irritation. 沒有關於該物質或混合物的具體測試資料。成分可能是刺激物，長時間的接觸皮膚可能會引起發紅和刺激
Ingestion 食入	Specific test data for the substance or mixture is not available. Ingestion may cause irritation to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. 沒有關於該物質或混合物的具體測試資料。食入可能會刺激粘膜，也可能引起胃腸道刺激、噁心、嘔吐和腹瀉。



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(b) Information on toxicological characteristics 毒理學特徵信息

This product does not elicit toxicological properties during routine handling and use. If the cells are opened through misuse or damage, discard immediately. Internal components of cell are irritants and sensitizers. 本產品在日常處理和使用過程中不會產生毒理學特性。如果電池因誤用或損壞而打開，請立即丟棄。內部成分是刺激物和過敏原。

Acute Toxicity 急性毒性	No information available. 無資料
Skin corrosion/irritation 皮膚腐蝕/刺激	No information available. 無資料
Serious eye damage/irritation: 嚴重的眼睛損傷/刺激	No information available. 無資料
Respiratory sensitization 呼吸過敏	No information available. 無資料
skin sensitization 皮膚過敏	No information available. 無資料
Carcinogenicity 致癌性	No information available. 無資料
Germ Cell Mutagenicity 生殖細胞致突變性:	No information available. 無資料
Reproductive Toxicity 生殖毒性	No information available. 無資料
STOT-Single Exposure 特定目標器官毒性-單次接觸	No information available. 無資料
STOT-Repeated Exposure 特定目標器官毒性-重覆接觸	No information available. 無資料
Aspiration Hazard 吸入危害	No information available. 無資料

12. Ecological Information 生態學信息

Ecotoxicity 生態毒性	No information available. 無資料
Persistence and Degradability 持久性和降解度	No information available. 無資料
Bioaccumulations Potential 潛在的生物累積性	No information available. 無資料
Mobility in soil 在土壤中的流動性	No information available. 無資料
Other adverse effects 其他有害效應	No information available. 無資料

13. Disposal Consideration 廢棄處置

(a) Disposal methods 處置方法:

Disposal methods: This material, as supplied, is not a hazardous waste according to Federal regulations (40CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

根據聯邦法規(40CFR 261)，材料不是危險廢物，如果與危險廢物混合或以其他方式接觸，經過添加化學品，或加工改變，該材料可能成為危險廢物，請參考40 CFR 261，以確定已改變的材料是否為危險廢物。有關其他要求，請諮詢適當的州、地區或地方法規。



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(b) Contaminated Packaging 受污染的包裝

Dispose of in accordance with federal, state and local regulations.

根據聯邦、州和地方法規進行處理

14. Transport Information 運輸信息

(a) Only Lithium Battery During: This report applies to by land, by air by sea.

產品為鋰離子電池單獨運輸：本報告適用於海運、空運和陸運。

Transport 運輸	The product has passed the test items of UN Model Regulations. Manual of Test and Criteria Section 38.3 and UN Model Regulations SP188, 1.2m drop test. The total net weight of the Lithium batteries is less than 10 kg 產品通過了聯合國示範條例的檢測項目。測試和標準手冊第38.3節和聯合國示範條例SP188，1.2m 跌落測試。鋰電池的總淨重小於10公斤
RID /ADR (2021 Edition) RID /ADR (2021版)	The product is not subject to RID/ADR according to special provision 188 According to 2.2.9.1.7 (g) of RID/ADR (2021 Edition), Manufacturers and subsequent distributors of cells or batteries manufactured shall make available the test summary as specified in the Manual of Tests and Criteria Part III. Sub-section 38.3 paragraph 38.3.5 根據RID/ADR特殊規定188，運輸時不受本規則其他規定限制。根據RID/ADR(2021版)的2.2.9.1.7(g)，鋰電池或電池組的製造商和出廠後的銷售商應提供聯合國《試驗和標準手冊》第三部分第38.3小節第38.3.5段規定的UN38.3試驗概要
IATA DGR (64th Edition): IATA DGR (64版)	UN3480 Hazard Class 9 The product shall meet the General Requirements and section IB of Packaging Instruction 965 According to 3.9.2.6.1(g) of IATA DGR (64th Edition), Manufacturers and subsequent distributors of cells or batteries manufactured after 30 June 2003 shall make available the test summary as specified in the Manual of tests and Criteria Part III, sub-section 38.3 paragraph 38.3.5. Lithium-ion batteries according to the PI965 Section IB transport listed in this report must be offered for transport at a state of charge (SoC) not exceeding 30% of their rated capacity.



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	本產品應滿足IATA DGR包裝說明 965的基本要求和第IB部分的規定。根據 IATA DGR (第64版) 的 3.9.2.6.1(g) · 2003年6月30日之後生產的鋰電池或電池組的製造商和出廠後的銷售商應提供聯合國《試驗和標準手冊》。第三部分第38.3小節第38.3.5段規定的UN38.3試驗概要。
	The International Civil Aviation Organization (ICAO) Technical Instructions Packing instruction 965 section IB (2023-2024 Edition) 國際民用航空組織 (ICAO) 技術說明包裝說明965部分IB (2023-2024版)
	Lithium-ion batteries according to thePI965 Section IB transport listed in this report must be offered for transport at a state of charge (SoC) not exceeding 30% of their rated capacity. 根據本報告中列出的PI965第IB節運輸的鋰離子電池必須以不超過其額定容量30% 的充電狀態(SoC)進行運輸。
IMO IMDC CODE (2020 Edition) IMO IMDC CODE (2020版)	Special provision 188 of the 《International Maritime Dangerous Goods (IMDG) Code》 (Amendment 40-20 Edition) Distributors of cells or batteries manufactured shall make available the test summary as specified in the Manual of Tests and Criteria, Part III, sub-section 38.3 paragraph 38.3.5 《國際海上危險貨物(IMDG)規範》(修正案40-20版) 第188條 鋰電池或電池組的製造商和出廠後的銷售商應提供聯合國《試驗和標準手冊》。第三部分第38.3小節第38.3.5段規定的UN38.3試驗概要
Marine pollutants /海洋污染物	No /否

(b) Test results of the UN Recommendation on the Transport of Dangerous Goods 聯合國關於危險貨物運輸的建議的測試結果

Manual of Test and Criteria (38.3 Lithium battery) 測試和標準手冊 (38.3鋰電池)			
No 編號	Test item 項目	Test Results 測試結果	Remark備註
T1	Altitude Simulation高度模擬測試	Pass通過	
T2	Thermal Test加熱測試	Pass通過	
T3	Vibration振動測試	Pass通過	
T4	Shock衝擊測試	Pass通過	
T5	External Short Circuit外部短路測試	Pass通過	
T6	Impact/Crush擠壓測試	Pass通過	
T7	Overcharge過度充電測試	Pass通過	



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T8	Forced Discharge強制放電測試	Pass通過	
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(c) UN regulation 聯合國法規

UN3480	Batteries only, IATA Dangerous Goods Regulations, packing instruction 965 Section IB. 純電池包裝，適用 IATA 危險貨物規則，滿足包裝說明 965 的基本要求和第 IB 部分的規定。
UN3481	Lithium ion batteries packed with equipment, IATA Dangerous Goods Regulations, packing instruction 966 Section II 鋰離子電池和設備一起包裝，適用 IATA 危險貨物規則，滿足包裝說明 966 的基本要求和第二部分的規定。
UN3481	Lithium ion batteries contained in equipment, IATA Dangerous Goods Regulations, packing instruction 967 Section II. 鋰離子電池含於設備中，適用 IATA 危險貨物規則，滿足包裝說明 967 的基本要求和第二部分的規定。

15. Regulatory Information 法規信息

Dangerous Goods Regulations 《危險品規則》

IMO International Maritime Dangerous Goods Code relevant regulations 《國際海運危險貨物規則》

Refer to U. N., national, local regulations. 參照聯合國，國家，地方性法規。

16. Other Information 其他信息

(a) Preparation and revision information 編制和修訂信息

The information contained in this Safety data sheet is based on the present state of knowledge and current legislation.

This safety data sheet provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications

The information contained in this Safety data sheet is based on the present state of knowledge and current legislation

本安全數據表中包含的信息基於當前的知識狀況和現行法規。

本安全數據表提供有關產品健康、安全和環境方面的指導，不應解釋為對特定應用的技術性能或適用性的任何保證 本安全數據表中包含的信息基於當前的知識狀態和當前立法。

(b) Abbreviations and acronyms 縮略語和首字母縮寫

ACGIH	American Conference of Governmental Industrial Hygienists 美國政府工業衛生學家委員會
OSHA:	The United States Occupational Safety and Health Administration.



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	美國職業安全與健康管理局
GHS	Globally Harmonized System of Classification and Labelling of Chemicals 全球化學品統一分類和標籤制度
CAS	Chemical Abstracts Service美國化學文摘社
DOT	US Department Of Transportation美國交通部
RID	Regulation for rail International transportation 國際鐵路危險貨物運輸規則
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road 關於公路運輸危險貨物歐洲協定
IMO IMDC CODE	International Maritime Organization, International Maritime Dangerous Goods Code 國際海事組織,國際海運危險或貨物規則
ICAO	International Civil Aviation Organization國際民用航空組織
IATA	International Air Transport Association國際航空運輸協會
PI	Packaging Instruction 包裝說明
TSCA	Toxic Substances Control Act, The American chemical inventory. 美國化學品有毒物質控制法 ,
IECSC	Inventory of existing chemical substances in China. 中國現有化學物質清單

(c) Disclaimer免責聲明

The information in this SDS is provided all the relevant data fully and truly. However, the information is provided without any warranty on their absolute extensiveness and accuracy. This SDS was prepared to provide safety preventive measures for the users who have got professional training. The personal user who obtained this SDS should make independent judgment for the applicability of this SDS under special conditions. In these special cases, we do not assume responsibility for the damage.

本SDS中的信息完整、真實地提供了所有相關數據。但是，提供的信息不保證其絕對的廣泛性和準確性。本SDS旨在為受過專業培訓的用戶提供安全預防措施。獲取本SDS的個人用戶應對本SDS在特殊情況下的適用性做出獨立判斷。在這些特殊情況下，我們不對損壞承擔責任。



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17.Appendix 附錄

NO.	Model Name	HSTNN#	HP PN	SMP PN	Nominal Voltage (V)	Rated Capacity (mAh)	Rated Energy (WH)	Typical Energy (WH)	Mass (g)	Cell applied
1	BY02021	HSTNH-C12C-S	738676-1C1	G96QA027H	3.70	5680	21.02	21.76		
2	DN02037	HSTNH-C412D-SS	780731-171	G96QA033H	3.80	9750	37.05	37.00		29A8C5
3	DN02037	HSTNH-C412D-SS	780731-1C1	G96QA034H	3.80	9750	37.05	37.00		CA29A8C5HV
4	HT03041XL	HSTNN-BB1A	L11421-1C4	996QA158H	11.34	3440	39.00	41.04		CA515974HV-Q
5	MU06047	HSTNN-IB0W	586007-122	996Q2158H	10.80	4200	44.50	47.00	305	
6	MU06047	HSTNN-IB0W	586007-142	996Q2161H	10.80	4200	44.50	47.00	305	
7	MU06047	HSTNN-IB0W	586007-152	996Q2162H	10.80	4200	44.50	47.00	305	
8	MU06047	HSTNN-IB0W	586007-1A2	996Q2163H	10.80	4200	44.50	47.00	305	
9	MU06047	HSTNN-IB0W	586007-1A3	996Q2183H	10.80	4200	44.50	47.00	305	
10	MU06047	HSTNN-IB0W	586007-153	996Q2197H	10.80	4200	44.50	47.00	310	
11	MU06047	HSTNN-IB0W	586007-143	996Q2258H	10.80	4200	44.50	47.00	305	
12	MU06047	HSTNN-IB0W	586007-1A1	996T2019H	10.80	4200	44.50	47.00		
13	MU06047	HSTNN-IB0W	586007-121	996T2021H	10.80	4200	44.50	47.00		
14	MU06047	HSTNN-IB0W	586007-161	996T2022H	10.80	4200	44.50	47.00		
15	MU06047	HSTNN-IB0W	586007-141	996T2023H	10.80	4200	44.50	47.00		
16	MU06047	HSTNN-IB0W	586007-162	996T2087H	10.80	4200	44.50	47.00		
17	MU06047	HSTNN-IB0W	586007-151	996T2102H	10.80	4200	44.50	47.00		
18	MU06055	HSTNN-IB0X	586006-152	996Q2157H	10.80	4910	53.00	55.00	305	
19	MU06055	HSTNN-IB0X	586006-142	996Q2164H	10.80	4910	53.00	55.00	305	
20	MU06055	HSTNN-IB0X	586006-123	996Q2165H	10.80	4910	53.00	55.00	305	
21	MU06055	HSTNN-IB0X	586006-143	996Q2217H	10.80	4910	53.00	55.00	305	
22	MU06055	HSTNN-IB0X	586006-121	996T2024H	10.80	4910	53.00	55.00		
23	MU06055	HSTNN-IB0X	586006-141	996T2029H	10.80	4910	53.00	55.00		
24	MU06055	HSTNN-IB0X	586006-151	996T2054H	10.80	4910	53.00	55.00		
25	MU06055	HSTNN-IB0X	586006-122	996T2135H	10.80	4910	53.00	55.00		
26	MU06062	HSTNN-IB0Y	586028-142	996Q2169H	11.10	5225	58.00	62.00	330	
27	MU06062	HSTNN-IB0Y	586028-123	996Q2171H	11.10	5225	58.00	62.00	330	
28	MU06062	HSTNN-IB0Y	586028-152	996Q2172H	11.10	5225	58.00	62.00		
29	MU06062	HSTNN-IB0Y	586028-141	996T2026H	11.10	5225	58.00	62.00		
30	MU06062	HSTNN-IB0Y	586028-121	996T2027H	11.10	5225	58.00	62.00		
31	MU06062	HSTNN-IB0Y	586028-151	996T2073H	11.10	5225	58.00	62.00		
32	MU06062	HSTNN-IB0Y	586028-122	996T2083H	11.10	5225	58.00	62.00		



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33	PH06047	HSTNN-IB1A	587706-121	996Q2034H	10.80	4200	44.50	47.00	310	
34	PH06047	HSTNN-IB1A	587706-131	996T2035H	10.80	4200	44.50	47.00		
35	TD06051XL	HSTNN-IB1C	586597-121	996T2046H	10.80	4500	48.60	51.00	324	LGC-2550
36	TD06051XL	HSTNN-IB1C	586597-141	996T2048H	10.80	4500	48.60	51.00	324	SDI-2550
37	MU06055XL	HSTNN-IB1F	592260-142	996Q2166H	10.80	4910	53.00	55.00	310	
38	MU06055XL	HSTNN-IB1F	592260-122	996Q2167H	10.80	4910	53.00	55.00	30.5	
39	MU06055XL	HSTNN-IB1F	592260-152	996Q2168H	10.80	4910	53.00	55.00	305	
40	MU06055XL	HSTNN-IB1F	592260-141	996T2128H	10.80	4910	53.00	55.00		
41	MU06055XL	HSTNN-IB1F	592260-151	996T2129H	10.80	4910	53.00	55.00		
42	MU06055XL	HSTNN-IB1F	592260-121	996T2142H	10.80	4910	53.00	55.00		
43	MU09083XL	HSTNN-IB1G	593015-142	996Q2175H	10.80	7365	79.60	83.00	478	
44	MU09083XL	HSTNN-IB1G	593015-122	996Q2176H	10.80	7365	79.60	83.00	484	
45	MU09083XL	HSTNN-IB1G	593015-121	996T2125H	10.80	7365	79.60	83.00		
46	MU09083XL	HSTNN-IB1G	593015-141	996T2131H	10.80	7365	79.60	83.00		
47	RS06062	HSTNN-IB1S	600999-171	996TA004H	11.10	5400	60.00	62.00		
48	VH08083	HSTNN-IB2P	632113-141	996Q2112H	14.80	5224	77.32	83.00	440	ICR18650-28A
49	VH08083	HSTNN-IB2P	632113-151	996Q2114H	14.80	5224	77.32	83.00	430	UR18650ZT
50	VH08075XL	HSTNN-IB2Q	632114-151	996Q2113H	14.40	5050	72.72	75.00	430	UR18650ZT
51	VH08075XL	HSTNN-IB2Q	632114-141	996Q2115H	14.40	5050	72.72	75.00	430	ICR18650-28A
52	PR06047	HSTNN-IB2R	633733-152	996Q2198H	10.80	4200	45.36	47.00	320	UR18650AY
53	PR06047	HSTNN-IB2R	633733-141	996Q2123H	10.80	4200	45.36	47.00	320	ICR18650-22F
54	PR06047	HSTNN-IB2R	633733-142	996T2124H	10.80	4200	45.36	47.00	320	ICR18650-22FM
55	PR08073	HSTNN-IB2S	633734-141	996Q2126H	14.40	4910	70.70	73.00	420	ICR18650-26F
56	PR08073	HSTNN-IB2S	633734-152	996Q2212H	14.40	4910	70.70	73.00	480	UR18650ZY
57	PR08073	HSTNN-IB2S	633734-142	996Q2218H	14.40	4910	70.70	73.00	420	ICR18650-26H
58	PR08073	HSTNN-IB2S	633734-151	996T2127H	14.40	4910	70.70	73.00		UR18650F
59	PR09093	HSTNN-IB2T	633735-121	996Q2236H	11.10	7860	87.25	93.00		ICR18650 C2
60	PR09093	HSTNN-IB2T	633735-141	996Q2237H	11.10	7860	87.25	93.00		ICR18650-28A
61	JN04041	HSTNN-IB2U	633731-141	996T2118H	14.80	2612	38.60	41.00		ICR18650-28A
62	JN04041	HSTNN-IB2U	633731-151	996T2119H	14.80	2612	38.60	41.00		UR18650ZT
63	JN06062	HSTNN-IB2V	633732-141	996T2121H	11.10	5225	58.00	62.00		ICR18650-28A
64	JN06062	HSTNN-IB2V	633732-151	996T2122H	11.10	5225	58.00	62.00		UR18650ZT
65	MU09100	HSTNN-IB2W	633216-151	996Q2149H	11.10		0.00	94.91	484	
66	MU09100	HSTNN-IB2W	633216-141	996Q2151H	11.10		0.00	94.91	484	
67	MT03028	HSTNN-IB3A	646656-141	996Q2186H	10.80	2455	26.50	28.00	182	



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68	MT03028	HSTNN-IB3A	646656-121	996Q2187H	10.80	2455	26.50	28.00	180	
69	MT03028	HSTNN-IB3A	646656-142	996Q2214H	10.80	2455	26.50	28.00	182	
70	MT06055	HSTNN-IB3B	646657-141	996Q2188H	10.80	4910	53.00	55.00	310	ICR18650-26F
71	MT06055	HSTNN-IB3B	646657-121	996Q2189H	10.80	4910	53.00	55.00	310	INR18650 B4
72	MT06055	HSTNN-IB3B	646657-142	996Q2216H	10.80	4910	53.00	55.00	310	ICR18650-26H
73	OT06044	HSTNN-IB3D	436426-141	996Q2184H	11.10	3900	42.20	44.00		ICP103450S
74	OT06039XL	HSTNN-IB3E	586596-141	996Q2185H	10.80	3400	37.20	39.00		ICP103450S
75	VT06086XL	HSTNN-IB3F	657240-151	996TA007H	11.10	7450	81.50	86.00		UPF616789
76	VT06086XL	HSTNN-IB3F	657240-171	996TA008H	11.10	7450	81.50	86.00		616790.00
77	JN06055XL	HSTNN-IB3I	660003-141	996T2195H	10.80	4910	53.00	55.00		ICR18650-28A
78	JN06055XL	HSTNN-IB3I	660003-151	996T2196H	10.80	4910	53.00	55.00		UR18650ZT
79	SL04058XL	HSTNN-IB3J	665054-171	996QA009H	14.80	3720	55.06	58.02		616790.00
80	SL04058XL	HSTNN-IB3J	665054-151	996QA011H	14.80	3720	55.06	58.02		UPF616789
81	MO06062	HSTNN-IB3N	671567-121	996Q2206H	11.10	5225	58.00	61.99	330	ICR18650 C2
82	MO06062	HSTNN-IB3N	671567-141	996Q2205H	11.10	5225	58.00	61.99	330	ICR18650-28A
83	MO06062	HSTNN-IB3N	671567-151	996Q2207H	11.10	5225	58.00	61.99	330	UR18650ZT
84	EL04052XL	HSTNN-IB3R	681879-171	996QA021H	14.80	3400	50.32	52.00		605585.00
85	EL04052XL	HSTNN-IB3R	681879-1C1	996QA022H	14.80	3400	50.32	52.00		CA605585
86	EL04052XL	HSTNN-IB3R	681879-121	996TA043H	14.80	3400	50.32	52.00		ICP605585L1
87	EL04052XL	HSTNN-IB3R	681879-121	996QA043H	14.80	3400	50.32	52.00		
88	EG04060XL	HSTNN-IB3T	681881-171	996QA023H	14.80	3900	57.72	60.00		605794.00
89	EG04060XL	HSTNN-IB3T	681881-1B1	996QA024H	14.80	3900	57.72	60.00		PP065794AB
90	EG04060XL	HSTNN-IB3T	681881-121	996TA044H	14.80	3900	57.72	60.00		ICP605794L1
91	EG04060XL	HSTNN-IB3T	681881-121	996QA044H	14.80	3900	57.72	60.00		
92	AT02025XL	HSTNN-IB3U	685368-1C1	996TA025H	7.40	3200	23.68	25.00		CA3076C0
93	AT02025XL	HSTNN-IB3U	685368-1C1	996QA025H	7.40	3200	23.68	25.00		
94	AT02025XL	HSTNN-IB3U	685368-1B1	996TA026H	7.40	3200	23.68	25.00		PP0376120AB
95	AT02025XL	HSTNN-IB3U	685368-1B1	996QA026H	7.40	3200	23.68	25.00		
96	HD04045XL	HSTNN-IB3V	685866-171	996QA027H	14.80	2950	43.66	45.00		3658C1
97	HD04045XL	HSTNN-IB3V	685866-1B1	996QA028H	14.80	2950	43.66	45.00		PP3658121AB
98	AJ02021XL	HSTNN-IB3Y	687518-1C1	G96QA001H	7.40	2860	21.16	21.90	184	CA289791
99	AJ02021XL	HSTNN-IB3Y	687518-1C1	G96TA001H	7.40	2860	21.16	21.90	184	CA289791
100	AJ02021XL	HSTNN-IB3Y	687518-1B1	G96QA002H	7.40	2860	21.16	21.90	184	PP289791AB
101	AJ02021XL	HSTNN-IB3Y	687518-1B1	G96TA002H	7.40	2860	21.16	21.90	184	PP289791AB
102	BT04052XL	HSTNN-IB3Z	687517-1C1	996QA029H	14.80	3400	50.32	52.02	331	CA605585



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103	BT04052XL	HSTNN-IB3Z	687517-171	996QA031H	14.80	3400	50.32	52.02	331	605585.00
104	BT04052XL	HSTNN-IB3Z	687517-121	996QA062H	14.80	3400	50.32	52.02	331	ICP605585L1
105	OS06046	HSTNN-IB43	436425-181	996TA000F	10.80	4200	45.36	55.00	580	
106	OS06046	HSTNN-IB43	436425-171	996TA010F	10.80	4200	45.36	55.00	580	
107	OS06046	HSTNN-IB43	436425-172	996TA020F	10.80	4200	45.36	55.00	580	
108	OS06046	HSTNN-IB43	436425-173	996TA020H	10.80	4200	45.36	55.00	580	405794.00
109	DW02025XL	HSTNN-IB4B	694398-1B1	996TA036H	3.70	6560	24.20	25.00		
110	DW02025XL	HSTNN-IB4B	694398-1B1	996QA036H	3.70	6560	24.20	25.00		
111	DW02025XL	HSTNN-IB4B	694398-1C1	996TA038H	3.70	6560	24.20	25.00		
112	DW02025XL	HSTNN-IB4B	694398-1C1	996QA038H	3.70	6560	24.20	25.00		
113	DA02021XL	HSTNN-IB4C	694399-1B1	996TA042H	7.40	2860	21.10	21.90		PP289791AB
114	DA02021XL	HSTNN-IB4C	694399-1B1	996QA042H	7.40	2860	21.10	21.90		
115	DA02021XL	HSTNN-IB4C	694399-1C1	996TA040H	7.40	2860	21.10	21.90		CA289791
116	DA02021XL	HSTNN-IB4C	694399-1C1	996QA040H	7.40	2860	21.10	21.90		
117	OD06044XL	HSTNN-IB4F	698750-1C1	G96QA005H	11.10	3800	42.00	44.00	305	CA504768
118	OD06044XL	HSTNN-IB4F	698750-171	G96QA006H	11.10	3800	42.00	44.00	305	504768.00
119	AR08075XL	HSTNN-IB4H	707614-141	996Q2231H	14.40	5050	72.72	75.00	438	ICR18650-28A
120	AR08075XL	HSTNN-IB4H	707614-121	996Q2239H	14.40	5050	72.72	75.00	438	ICR18650 C2
121	AR08083	HSTNN-IB4I	707615-121	996Q2243H	14.80	5224	77.32	83.00	440	ICR18650 C2
122	AR08083	HSTNN-IB4I	707615-141	996Q2232H	14.80	5224	77.32	83.00	440	ICR18650-28A
123	FP06047	HSTNN-IB4J	707616-141	996Q2229H	10.80	4200	45.36	47.00	302	ICR18650-22F
124	FP06047	HSTNN-IB4J	707616-151	996Q2234H	10.80	4200	45.36	47.00	310	UR18650AY
125	FP06047	HSTNN-IB4J	707616-142	996Q2256H	10.80	4200	45.36	47.00	300	ICR18650-22FM
126	FP06047	HSTNN-IB4J	707616-152	996Q2275H	10.80	4200	45.36	47.00	304	UR18650AY
127	RA04044	HSTNN-IB4L	707618-121	996Q2227H	14.80	2850	42.18	44.00	230	INR18650 D1
128	RA04044	HSTNN-IB4L	707618-141	996Q2228H	14.80	2850	42.18	44.00	230	ICR18650-30A
129	RA04044	HSTNN-IB4L	707618-122	996Q2307H	14.80	2850	42.18	44.00	230	INR18650D2
130	PX03050XL	HSTNN-IB4P	714762-141	996Q2244H	11.40	4290	48.91	50.73		ICP666480A
131	PX03050XL	HSTNN-IB4P	714762-1C1	996QA045H	11.10	4350	48.29	50.17		CA656480
132	PX03050XL	HSTNN-IB4P	714762-171	996QA047H	11.10	4350	48.29	50.17		656580.00
133	CM03050XL	HSTNN-IB4R	716724-141	996Q2245H	11.40	4290	48.91	50.00	280	
134	CM03050XL	HSTNN-IB4R	716724-1C1	996QA048H	11.10	4350	48.29	50.00		
135	CM03050XL	HSTNN-IB4R	716724-171	996QA049H	11.10	4350	48.29	50.00		
136	SB03026XL	HSTNN-IB4S	716725-171	996QA053H	11.10	2370	26.31	26.00	168	486764.00
137	SB03026XL	HSTNN-IB4S	716725-1C1	996QA052H	11.10	2370	26.31	26.00	168	CA486764



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138	SB03046XL	HSTNN-IB4T	716726-171	996QA051H	11.10	4000	44.40	46.00	254	556787.00
139	SB03046XL	HSTNN-IB4T	716726-1C1	996QA050H	11.10	4000	44.40	46.00	254	CA556787
140	HY04041	HSTNN-IB4U	717861-141	996Q2246H	14.80	2620	38.78	41.44		ICR18650-28A
141	HY04041	HSTNN-IB4U	717861-121	996Q2247H	14.80	2620	38.78	41.44		ICR18650 C2
142	CA03033	HSTNN-IB4W	718675-121	996Q2253H	11.10	2850	31.64	33.00	180	INR18650 D1
143	CA03033	HSTNN-IB4W	718675-141	996Q2252H	11.10	2850	31.64	33.00	180	ICR18650-30A
144	CA03033	HSTNN-IB4W	718675-142	996Q2299H	11.10	2850	31.64	33.00	180	ICR18650-30A
145	CA06055	HSTNN-IB4X	718676-141	996Q2254H	10.80	4910	53.03	55.00	305	ICR18650-26H
146	CA06055	HSTNN-IB4X	718676-121	996Q2251H	10.80	4910	53.03	55.00	305	INR18650 B4
147	CA06055XL	HSTNN-IB4Y	718677-141	996Q2249H	10.80	4910	53.03	55.00	312	ICR18650-28A
148	CA06055XL	HSTNN-IB4Y	718677-121	996Q2248H	10.80	4910	53.03	55.00	312	ICR18650 C2
149	MA02025XL	HSTNN-IB5B	721895-1C1	G96QA007H	7.40	3200	23.68	25.00	132	CA3076C0
150	MA02025XL	HSTNN-IB5B	721895-121	G96QA008H	7.40	3200	23.68	25.00	132	ICP3076120L1
151	MY02021XL	HSTNN-IB5C	721896-1C1	G96QA009H	7.40	2860	21.16	21.00	120	
152	MY02021XL	HSTNN-IB5C	721896-1B1	G96QA010H	7.40	2860	21.16	21.00	125	
153	BL06042XL	HSTNN-IB5D	722236-171	996QA054H	11.10	3700	41.07	42.00	224	335386.00
154	BL06042XL	HSTNN-IB5D	722236-1C1	996QA055H	11.10	3700	41.07	42.00	224	CA335386
155	TG03032XL	HSTNN-IB5F	723921-1C1	G96QA014H	11.10	2860	31.75	32.86		
156	TG03032XL	HSTNN-IB5F	723921-1B1	G96QA015H	11.10	2860	31.75	32.86		
157	TR03033XL	HSTNN-IB5G	723922-1B1	G96QA013H	11.10	2950	32.75	33.86		PP3658121AB
158	TR03033XL	HSTNN-IB5G	723922-171	G96QA016H	11.10	2950	32.75	33.86		3658C1
159	WO03033XL	HSTNN-IB5I	725496-171	G96QA017H	11.10	2950	32.75	33.86	173	3658C1
160	WO03033XL	HSTNN-IB5I	725496-1B1	G96QA020H	11.10	2950	32.75	33.86	182	PP3658121AB
161	WR03032XL	HSTNN-IB5J	725497-1B1	G96QA018H	11.10	2860	31.75	32.00	200	
162	WR03032XL	HSTNN-IB5J	725497-1C1	G96QA019H	11.10	2860	31.75	32.00	200	
163	LA04041	HSTNN-IB5M	728248-121	996Q2261H	14.80	2620	38.78	41.44	230	
164	LA04041	HSTNN-IB5M	728248-141	996Q2262H	14.80	2620	38.78	41.44	230	
165	LA04041DF	HSTNN-IB5M	751906-121	996T2273H	14.80	2620	38.78	41.00		
166	LA04041DF	HSTNN-IB5M	751906-121	996Q2273H	14.80	2620	38.78	41.00	220	ICR18650 C2
167	LA04041DF	HSTNN-IB5M	751906-141	996T2274H	14.80	2620	38.78	41.00		
168	LA04041DF	HSTNN-IB5M	751906-141	996Q2274H	14.80	2620	38.78	41.00	230	ICR18650-28A
169	AO02030XL	HSTNN-IB5O	728250-1C1	G96QA021H	7.40	3995	29.56	31.00	151	ATL605585
170	AO02030XL	HSTNN-IB5O	728250-1C1	G96TA021H	7.40	3995	29.56	31.00	151	ATL605585
171	AO02030XL	HSTNN-IB5O	728250-121	G96QA032H	7.40	3995	29.56	31.00	151	LGESICP605585L1
172	AO02030XL	HSTNN-IB5O	728250-121	G96TA032H	7.40	3995	29.56	31.00	151	LGESICP605585L1



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173	OA04041	HSTNN-IB5S	740004-141	996Q2265H	14.80	2620	38.78	41.44	235	
174	OA04041	HSTNN-IB5S	740004-121	996Q2266H	14.80	2620	38.78	41.44	235	
175	MR03028	HSTNN-IB5T	740005-141	996Q2263H	10.80	2422	26.16	27.54	170	
176	MR03028	HSTNN-IB5T	740005-121	996Q2264H	10.80	2422	26.16	27.54	170	INR18650 B4
177	TP02018XL	HSTNN-IB5U	741348-171	G96QA026H	7.40	2315	17.13	18.13		3555B0
178	RA04040XL	HSTNN-IB5X	745416-122	996Q2324H	14.60	2585	37.74	40.00	225	INR18650D2
179	RA04040XL	HSTNN-IB5X	745416-121	996Q2269H	14.60	2585	37.74	40.00	225	INR18650 D1
180	OA03031	HSTNN-IB5Y	746458-141	996Q2271H	11.10	2612	28.99	30.99	190	
181	OA03031	HSTNN-IB5Y	746458-121	996Q2272H	11.10	2612	28.99	30.99	190	
182	TD06047	HSTNN-IB68	458640-164	996T2088H	10.80	4200	45.36	47.00		
183	TD06047	HSTNN-IB68	458640-121	996T3210F	10.80	4020	43.42	47.00	330	
184	TD06047	HSTNN-IB68	458640-161	996T3700F	10.80	4200	45.00	47.00	330	
185	TD06047	HSTNN-IB68	458640-141	996T3710F	10.80	4200	45.00	47.00	330	
186	TD06047	HSTNN-IB68	458640-162	996T4130F	10.80	4200	45.36	47.00	330	
187	TD06047	HSTNN-IB68	458640-163	996T4130H	10.80	4200	45.36	47.00		
188	TD06047	HSTNN-IB68	458640-142	996T4140F	10.80	4200	45.36	47.00	330	
189	TD06047	HSTNN-IB68	458640-143	996T4140H	10.80	4200	45.36	47.00	310	
190	TD06047	HSTNN-IB68	458640-122	996T4150F	10.80	4200	45.36	47.00	330	
191	TD06047	HSTNN-IB68	458640-123	996T4150H	10.80	4200	45.36	47.00		
192	TD06055	HSTNN-IB69	463310-125	996Q2139H	10.80	4910	53.03	55.00	320	INR18650 B4
193	TD06055	HSTNN-IB69	463310-143	996T2009F	10.80	4910	53.03	55.00	330	
194	TD06055	HSTNN-IB69	463310-144	996T2009H	10.80	4910	53.03	55.00	330	
195	TD06055	HSTNN-IB69	463310-133	996T2011F	10.80	4910	53.03	55.00	330	
196	TD06055	HSTNN-IB69	463310-134	996T2011H	10.80	4910	53.03	55.00		
197	TD06055	HSTNN-IB69	463310-123	996T2012F	10.80	4910	53.03	55.00	330	
198	TD06055	HSTNN-IB69	463310-124	996T2012H	10.80	4910	53.03	55.00	325	
199	TD06055	HSTNN-IB69	463310-145	996T2044H	10.80	4910	53.03	55.00		
200	TD06055	HSTNN-IB69	463310-161	996T3230F	10.80	4910	53.03	55.00	330	
201	TD06055	HSTNN-IB69	463310-141	996T3240F	10.80	4910	53.03	55.00	330	
202	TD06055	HSTNN-IB69	463310-121	996T3250F	10.80	4910	53.03	55.00	330	
203	TD06055	HSTNN-IB69	463310-131	996T3570F	10.80	4910	53.03	55.00	330	
204	TD06055	HSTNN-IB69	463310-142	996T4100F	10.80	4910	53.03	55.00	330	
205	TD06055	HSTNN-IB69	463310-132	996T4110F	10.80	4910	53.03	55.00	330	
206	TD06055	HSTNN-IB69	463310-122	996T4120F	10.80	4910	53.03	55.00	330	
207	BO03032XL	HSTNN-IB6C	751895-1B1	996QA066H	11.10	2810	31.19	32.00	178	Lishen289791



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208	BO03032XL	HSTNN-IB6C	751895-1C1	996QA067H	11.10	2810	31.19	32.00	178	Coslight289791
209	KK04029XL	HSTNN-IB6E	753329-1C1	996QA068H	7.40	3820	28.27	29.00	165	CA455368
210	KK04029XL	HSTNN-IB6E	753329-171	996QA069H	7.40	3820	28.27	29.00	220	455368.00
211	KT02025XL	HSTNN-IB6F	753330-1C1	996QA070H	7.40	3280	24.27	25.00	166	CA3076C0
212	KT02025XL	HSTNN-IB6F	753330-1B1	996QA072H	7.40	3280	24.27	25.00	166	Lishen3076C0
213	FP06051XL	HSTNN-IB6M	757435-141	996Q2276H	10.80	4530	48.92	50.98	316	ICR18650-26H
214	KP06066	HSTNN-IB6N	759916-121	996Q2278H	11.25	5800	65.25	67.50	335	INR18650 D1
215	KP06060XL	HSTNN-IB6N	794309-121	996Q2282H	11.10	5100	56.61	60.16	335	INR18650 D1
216	KP06066	HSTNN-IB6N	759916-122	996Q2311H	10.95	5840	63.90	65.70	335	INR18650D2
217	SM03050XL	HSTNN-IB6O	766802-1C1	996QA073H	11.40	4300	49.00	50.70	235	CA3674C0HV
218	SM03050XL	HSTNN-IB6O	766802-121	996QA074H	11.40	4380	49.90	52.20	240	ICP3674120A1
219	BO03037XL	HSTNN-IB6P	773836-1B1	996QA077H	11.40	3130	35.60	37.00	181	SP289791SE
220	BO03037XL	HSTNN-IB6P	773836-1C1	996QA078H	11.40	3130	35.60	37.00	181	CA289791HV
221	BV02033XL	HSTNN-IB6Q	775624-121	996QA079H	7.60	4380	33.20	33.00	160	ICP3674120A1
222	BV02033XL	HSTNN-IB6Q	775624-1C1	996QA080H	7.60	4380	33.20	33.00	155	CA3674C0HV
223	LA03031DF	HSTNN-IB6R	775625-121	996Q2279H	11.10	2612	28.99	31.00	189	ICR18650 C2
224	LA03031DF	HSTNN-IB6R	775625-141	996Q2281H	11.10	2612	28.99	31.00	189	ICR18650-28A
225	LA06047DF	HSTNN-IB6U	796047-141	996Q2284H	10.80	4200	45.36	47.52	308	ICR18650-22FM
226	LA06047DF	HSTNN-IB6U	796047-151	996Q2283H	10.80	4200	45.36	47.52	308	UR18650AY
227	DB03036	HSTNN-IB6V	796930-141	996Q2286H	11.25	3030	34.00	36.00	181	ICR18650-32A
228	DB03036	HSTNN-IB6V	796930-121	996Q2288H	11.25	3030	34.00	36.00	180	ICR18650E1
229	DB06064XL	HSTNN-IB6W	796931-121	996Q2287H	11.10	5600	62.16	64.00	354	ICR18650E1
230	DB06064XL	HSTNN-IB6W	796931-141	996Q2285H	11.10	5600	62.16	64.00	354	ICR18650-32A
231	CS03046XL	HSTNN-IB6Y	800231-1C1	996QA083H	11.40	3820	43.50	46.50	216	CA506479HV
232	CS03046XL	HSTNN-IB6Y	800231-141	996QA084H	11.40	3820	43.50	46.50	216	PGF506480H
233	BG06045XL	HSTNN-IB6Z	804175-1C1	996QA085H	11.40	3780	43.09	46.50	223	CA295386HV
234	BG06045XL	HSTNN-IB6Z	804175-1B1	996QA086H	11.40	3780	43.09	46.50	223	SP295386SE
235	EV06047	HSTNN-IB72	462890-142	996Q4000F/F A	10.80	4200	45.00	47.00		
236	EV06047	HSTNN-IB72	462890-121	996T3420F	10.80	4200	45.00	47.00	320	
237	EV06047	HSTNN-IB72	462890-1A1	996T3560F	10.80	4200	45.00	47.00	320	
238	EV06047	HSTNN-IB72	462890-141	996T3650F	10.80	4200	45.00	47.00	320	
239	EV06047	HSTNN-IB72	462890-161	996T3660F	10.80	4200	45.00	47.00	320	
240	EV06047	HSTNN-IB72	462890-162	996T3990F	10.80	4200	45.00	47.00	320	
241	EV06047	HSTNN-IB72	462890-122	996T4010F	10.80	4200	45.00	47.00	320	
242	EV06047	HSTNN-IB72	462890-1A3	996T4250F	10.80	4200	45.00	47.00	320	



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243	EV06055	HSTNN-IB73	462889-143	996T2039F	10.80	4910	53.00	55.00		
244	EV06055	HSTNN-IB73	462889-123	996T2133F	10.80	4910	53.00	55.00		
245	EV06055	HSTNN-IB73	462889-161	996T3430F	10.80	4910	53.00	55.00	320	
246	EV06055	HSTNN-IB73	462889-121	996T3440F	10.80	4910	53.00	55.00	320	
247	EV06055	HSTNN-IB73	462889-141	996T3450F	10.80	4910	53.00	55.00	330	
248	EV06055	HSTNN-IB73	462889-142	996T3930F	10.80	4910	53.00	55.00	330	
249	EV06055	HSTNN-IB73	462889-122	996T3940F	10.80	4910	53.00	55.00	320	
250	HS03031	HSTNN-IB7A	807611-121	996Q2308H	10.95	2670	29.24	31.21	176	INR18650C4
251	HS03031	HSTNN-IB7A	807611-131	996Q2296H	11.10	2620	29.08	31.08	176	UR18650ZT
252	HS03031	HSTNN-IB7A	807611-141	996Q2298H	11.10	2620	29.08	31.08	176	ICR18650-28A
253	HS03031	HSTNN-IB7A	807611-132	996Q2314H	11.10	2620	29.08	31.08	176	Sanyo-2800
254	HS04041	HSTNN-IB7B	807612-131	996Q2295H	14.80	2620	38.78	41.00	222	UR18650ZT
255	HS04041	HSTNN-IB7B	807612-141	996Q2297H	14.80	2620	38.78	41.44	222	ICR18650-28A
256	HS04041	HSTNN-IB7B	807612-121	996Q2309H	14.60	2670	38.98	41.61	222	INR18650C4
257	ML03042XL	HSTNN-IB7D	813999-1C1	996QA089H	11.40	3570	40.70	42.00	182	CA318789HV
258	VR03045XL	HSTNN-IB7E	816497-1C1	996QA091H	11.40	3830	43.66	45.00	199	CA2695A3HV
259	VR03045XL	HSTNN-IB7E	816497-1C2	996QA107H	11.40	3830	43.66	45.00	199	CA2695A3HV
260	BU03037XL	HSTNN-IB7F	816498-1C1	996QA090H	11.40	3130	35.60	37.30	181	CA289791HV
261	BU03037XL	HSTNN-IB7F	816498-1B1	996QA092H	11.40	3130	35.60	37.30	181	SP289791SE
262	PO02037XL	HSTNN-IB7G	823908-1C1	996QA093H	7.60	4810	36.50	37.60	161	CA3674C0HV-2
263	EO04038XL	HSTNN-IB7I	827927-1C1	996QA094H	7.70	4680	36.00	38.00	168	CA2662C0G
264	EO04038XL	HSTNN-IB7I	827927-1B1	996QA095H	7.70	4680	36.00	38.00	168	SP485052SF
265	SO04038XL	HSTNN-IB7J	843534-121	996QA098H	7.70	4772	36.60	38.00	180	ICP1675108L1
266	SO04038XL	HSTNN-IB7J	843534-1C1	996QA099H	7.70	4772	36.60	38.00	180	CA1675A8G
267	SD03045XL	HSTNN-IB7K	847462-1C1	996QA100H	11.40	3830	43.66	45.00	196	CA2695A3HV
268	TA03051XL	HSTNN-IB7L	854047-1C1	996QA101H	11.55	4245	49.00	51.00	217	CA506479G
269	TA03051XL	HSTNN-IB7L	854047-141	996QA102H	11.55	4245	49.00	51.00	217	PGF506480J
270	TA03051XL	HSTNN-IB7L	854047-171	996QA103H	11.55	4245	49.00	51.00	217	506480.00
271	DR02043XL	HSTNN-IB7M	859027-1C1	996QA105H/ HA	7.70	5400	41.50	43.70	180	CA3678C2G
272	DR02043XL	HSTNN-IB7M	859027-121	996QA106H/ HA	7.70	5400	41.50	43.70	180	ICP3678122L1
273	SW02032XL	HSTNN-IB7N	859470-1B1	G96QA037H	7.70	4020	30.90	32.50	130	SP2982B1SF-C
274	SW02032XL	HSTNN-IB7N	859470-121	G96QA038H	7.70	4020	30.90	32.50	135	ICP2982111L1
275	OM03057XL	HSTNN-IB7O	863167-171	996QA108H	11.55	4690	54.00	57.00	230	4352C1
276	OM03057XL	HSTNN-IB7O	863167-1B1	996QA109H	11.55	4690	54.00	57.00	230	SP4453C2SF-C
277	SO04042XL	HSTNN-IB7R	908309-1C1	996QA112H	7.70	5195	40.00	42.00	182	CA415095G-1



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278	ET04049XL	HSTNN-IB7U	915030-1C1	996QA119H	7.70	6146	47.31	49.81	199	CA4041B3G
279	ET04049XL	HSTNN-IB7U	915030-171	996QA120H	7.70	6146	47.31	49.81	199	3841B3
280	BE06067XL	HSTNN-IB7V	918045-1C1	996QA117H	11.55	5510	63.65	67.00	264	CA416760G
281	BE06067XL	HSTNN-IB7V	918045-171	996TA118H	11.55	5510	63.65	67.00	264	416760.00
282	AS03044XL	HSTNN-IB7W	918340-1C1	996QA115H	11.10	3980	44.17	44.95	205	CA595490
283	AS03044XL	HSTNN-IB7W	918340-171	996QA116H	11.10	3980	44.17	44.95	205	595490.00
284	JC04041	HSTNN-IB7X	919682-121	996Q2319H	14.60	2670	38.98	41.61	220	INR18650C4
285	TF03041XL	HSTNN-IB7Y	920046-121	996Q2323H	11.55	3470	40.00	41.90	184	ICP496080L1
286	SR04070XL	HSTNN-IB7Z	917678-171	996QA121H	15.40	4323	66.50	70.07	280	606072.00
287	SR04070XL	HSTNN-IB7Z	917678-1B1	996QA122H	15.40	4323	66.50	70.07	280	SP606072SG
288	SR04070XL	HSTNN-IB7Z	917678-172	996QA160H	15.40	4323	66.50	70.07	280	606072.00
289	SR04070XL	HSTNN-IB7Z	917678-1B2	996QA161H	15.40	4323	66.50	70.07	280	SP606072SG
290	JC04041	HSTNN-IB8A	919682-141	996Q2321H	14.80	2620	38.78	41.44	221	ICR18650-28A
291	JC04041	HSTNN-IB8A	919682-131	996Q2322H	14.80	2620	38.78	41.44	221	UR18650ZT
292	CD03048XL	HSTNN-IB8B	931702-171	996QA123H	11.40	4000	45.60	48.00	226	606072.00
293	CD03048XL	HSTNN-IB8B	931702-1C1	996QA148H	11.40	4000	45.60	48.00	226	CA606072G
294	SS03050XL	HSTNN-IB8C	932823-171	996QA124H	11.55	4113	47.50	50.00	186	614882.00
295	SS03050XL	HSTNN-IB8C	932823-1C1	996QA125H	11.55	4113	47.50	50.00	186	CA614882G
296	ME04050XL	HSTNN-IB8D	937519-171	G96QA039H	7.70	6175	47.50	50.04	186	385784.00
297	ME04050XL	HSTNN-IB8D	937519-1C1	G96QA040H	7.70	6175	47.50	50.04	186	CA385784G-Q
298	CH04048XL	HSTNN-IB8E	941190-1C1	996QA126H	7.70	6168	47.45	48.50	187	CA316591G-Q
299	VX04090XL	HSTNN-IB8F	L06302-1C1	996QA127H	15.40	5550	85.50	90.00	371	CA5259A9G
300	AM06095XL	HSTNN-IB8G	L07350-1C1	996QA128H	11.55	7965	92.00	95.90	406	CA685071G-Q
301	ZG06095XL	HSTNN-IB8H	L07351-1C1	996QA130H	11.55	7965	92.00	95.90	406	CA685071G-Q
302	ZG04064XL	HSTNN-IB8I	L07352-1C1	996QA129H	15.40	3990	61.50	64.00	271	CA685071G-Q
303	GZ06054XL	HSTNN-IB8J	L08543-1C1	996QA132H	7.70	6690	51.57	54.28	254	CA1675A8G-1
304	GZ06054XL	HSTNN-IB8J	L08543-1C2	996QA173H	7.70	6690	51.57	54.28	254	CA395495G-Q
305	KC04053XL	HSTNN-IB8K	L08544-1C2	996QA153H	15.40	3281	50.50	53.20	206	CA486566G
306	KC04053XL	HSTNN-IB8K	L08544-1C1	996QA131H	15.40	3281	50.50	53.20	206	CA486566G
307	SR03052XL	HSTNN-IB8L	L08934-1B2	996QA159H	11.55	4323	49.90	52.50	214	SP606072SG
308	SR03052XL	HSTNN-IB8L	L08934-1B1	996QA133H	11.55	4323	49.90	52.50	214	SP606072SG
309	LK03052XL	HSTNN-IB8M	L09049-1B1	996QA134H	11.55	4323	50.00	52.50	201	SP606072SG
310	LK03052XL	HSTNN-IB8M	L09049-1B2	996QA157H	11.55	4323	50.00	52.50	201	SP606072SG
311	LK03048XL	HSTNN-IB8N	L09911-141	996Q2325H	11.40	4050	46.17	48.01	219	ICP596080C
312	HT03041XL	HSTNN-IB8O	L11421-1C1	996QA135H	11.40	3420	38.99	41.04	170	CA515974HV



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313	RU03048XL	HSTNN-IB8P	L12717-1C1	996QA137H	11.40	4000	45.60	48.00	201	CA606072G
314	RU03048XL	HSTNN-IB8P	L12717-171	996QA138H	11.40	4000	45.60	48.00	201	606072.00
315	MM02037XL	HSTNN-IB8Q	L27868-1C2	996QA170H	7.60	4810	36.50	37.60	155	CA3674C0HV-2
316	MM02037XL	HSTNN-IB8Q	L27868-1C1	996QA139H	7.60	4810	36.50	37.60	155	CA3674C0HV-2
317	SP04061XL	HSTNN-IB8R	L28538-1C1	996QA140H	15.40	3820	58.80	61.40	244	CA436485G-Q
318	SP04061XL	HSTNN-IB8R	L28538-1C2	996QA162H	15.40	3820	58.80	61.40	244	CA436485G-Q
319	LG04068XL	HSTNN-IB8S	L32535-142	996QA164H	15.40	4175	64.30	68.00	276	PGF506480J
320	LG04068XL	HSTNN-IB8S	L32535-1C2	996QA163H	15.40	4175	64.30	68.00	276	CA506479G
321	LG04068XL	HSTNN-IB8S	L32535-1C1	996QA142H	15.40	4175	64.30	68.00	276	CA506479G
322	LG04068XL	HSTNN-IB8S	L32535-141	996QA143H	15.40	4175	64.30	68.00	276	PGF506480J
323	CR03049XL	HSTNN-IB8T	924844-1C1	996QA146H	11.55	4130	47.70	49.00	180	CA2690A5G-Q
324	OR04053XL	HSTNN-IB8U	L34209-1C1	996QA144H	7.70	6562	50.50	53.20	211	CA486566G
325	OR04053XL	HSTNN-IB8U	L34209-1B1	996QA145H	7.70	6562	50.50	53.20	211	SP486566SG
326	LK03048XL	HSTNN-IB8V	L09911-1B1	996QA147H	11.40	4050	46.17	48.01	201	SP606072SG
327	GB02047XL	HSTNN-IB8W	L42550-1C1	996QA149H	7.70	6000	46.20	47.30	186	CA4473A9G
328	GB02047XL	HSTNN-IB8W	L42550-171	996QA150H	7.70	6000	46.20	47.30	186	4473A9
329	HT03041XL	HSTNN-IB8X	L11421-1C5	996QA169H	11.34	3440	39.00	41.04	172	CA515974HV-Q
330	HT03041XL	HSTNN-IB8X	L11421-1C3	996QA151H	11.34	3440	39.00	41.04	172	CA515974HV-Q
331	HT03041XL	HSTNN-IB8O	L11421-1C2	996QA152H	11.40	3420	38.99	41.04	170	CA515974HV
332	HT03041XL	HSTNN-IB8X	L11421-1C6	996QA188H	11.34	3440	39.00	41.04	172	CA515974HV-Q
333	HT03041XL	HSTNN-IB8X	L11421-1C7	996QA187H	11.34	3440	39.00	41.04	172	CA515974HV-Q
334	EP04056XL	HSTNN-IB8Y	L52448-1C1	996QA155H	7.70	7000	53.90	56.20	250	CA446872G
335	BIO3041XL	HSTNN-IB8Z	843537-1C1	996QA156H	11.34	3440	39.00	41.04	171	CA515974HV-Q
336	RT06047	HSTNN-IB93	516479-131	996T4450F	10.80	4200	44.50	47.00	320	
337	RT06047	HSTNN-IB93	516479-121	996T4480F	10.80	4200	44.50	47.00	320	
338	RT06055	HSTNN-IB94	513127-142	996T2043F	10.80	4900	53.00	55.00		
339	RT06055	HSTNN-IB94	513127-141	996T3870F	10.80	4900	53.00	55.00	330	
340	RT06055	HSTNN-IB94	513127-131	996T3880F	10.80	4900	53.00	55.00	330	
341	RT09083	HSTNN-IB95	516480-122	996T2137F	10.80	7270	78.50	83.00		
342	RT09083	HSTNN-IB95	516480-121	996T4460F	10.80	7270	78.50	83.00	510	
343	RT09083	HSTNN-IB95	516480-141	996T4470F	10.80	7270	78.50	83.00	510	
344	BD04041	HSTNN-IB99	519249-171	996TA030F	14.80	2700	40.00	41.00	330	
345	BN06072XL	HSTNN-IB9A	L68235-1C1	996QA165H	11.55	6000	69.30	72.90	277	CA674363G
346	UG04046XL	HSTNN-IB9B	L71493-1C1	996QA166H	15.40	2838	43.70	46.00	184	CA336975G
347	GH02047XL	HSTNN-IB9C	L75253-1C1	996QA167H	7.70	6000	46.20	47.30	188	CA4473A9G



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348	GH02047XL	HSTNN-IB9C	L75253-1D1	996QA168H	7.70	6000	46.20	47.30	188	4473A9ACB
349	MB06083XL	HSTNN-IB9E	L77973-1C1	996QA175H	11.58	6880	79.60	83.00	302	CA685257E
350	CC03053XL	HSTNN-IB9F	L77608-1C1	996QA172H	11.55	4400	50.80	53.00	191	CA645180G
351	CC03053XL	HSTNN-IB9F	L77608-1B1	996QA174H	11.55	4400	50.80	53.00	191	SP645180SG
352	CX03053XL	HSTNN-IB9G	L77624-1C1	996QA171H	11.55	4400	50.80	53.00	202	CA645180G
353	HK04054XL	HSTNN-IB9H	L79376-1B1	996QA177H	7.70	6669	51.30	54.00	214	SP486566SG
354	SX03045XL	HSTNN-IB9I	L77689-172	996QA178H	11.40	3790	43.30	45.00	185	545974.00
355	SX03045XL	HSTNN-IB9D	L77689-171	996QA176H	11.40	3790	43.30	45.00	184	515974A
356	HK04078XL	HSTNN-IB9J	L83796-171	996QA179H	7.72	9767	75.40	78.50	291	546975.00
357	BC03060XL	HSTNN-IB9K	L84182-1C1	996QA182H	11.55	5010	57.80	60.90	232	CA368598G-Q
358	SD03052XL	HSTNN-IB9L	L84357-171	996QA180H	11.55	4323	49.90	52.50	229	606072.00
359	KL06083XL	HSTNN-IB9M	L85853-1C1	996QA183H	11.58	6821	78.98	83.14	303	CA685257E
360	AL08094XL	HSTNN-IB9N	L86155-1C1	996QA184H	15.44	5930	90.00	94.00	411	CA515961E
361	HW03041XL	HSTNN-IB9O	L96887-1D1	996QA186H	11.34	3440	39.00	41.04	176	515974FBC
362	RH03045XL	HSTNN-IB9P	M01524-171	996QA189H	11.40	3790	43.30	45.00	181	545974.00
363	RH03045XL	HSTNN-IB9Q	M01524-1D1	996QA191H	11.40	3790	43.30	45.00	179	545974FCB
364	SC04063XL	HSTNN-IB9R	M08254-1C1	996QA192H	15.40	3906	60.15	63.32	249	CA664878G
365	SI03058XL	HSTNN-IB9S	M12329-1D1	996QA193H	11.55	4840	55.90	58.84	229	407792ACB
366	TI04055XL	HSTNN-IB9T	M24420-1D1	996QA194H	15.12	3500	52.64	55.67	238	515974FBC
367	TI04055XL	HSTNN-IB9T	M24420-1C1	996QA195H	15.12	3500	52.64	55.67	238	CA515974HV-Q
368	WK04070XL	HSTNN-IB9V	M38822-1D1	996QA198H	15.40	4323	66.50	70.07	279	HPP606072ACB
369	WK04070XL	HSTNN-IB9V	M38822-171	996QA199H	15.40	4323	66.50	70.07	279	606072.00
370	DS02032XL	HSTNN-IB9U	M37888-1C1	996QA197H	7.70	3971	30.57	32.18	129	CA3169B6G
371	RH03045XL	HSTNN-IB9Q	M01524-1D2	996QA207H	11.40	3790	43.30	45.00	179	545974FCB
372	RH03045XL	HSTNN-IB9P	M01524-172	996QA208H	11.40	3790	43.30	45.00	181	545974.00
373	MB06083XL	HSTNN-IB9E	L77973-1C2	996QA200H	11.58	6880	79.60	83.00	302	CA685257E
374	HK04054XL	HSTNN-IB9H	L79376-1B2	996QA201H	7.70	6669	51.30	54.00	214	SP486566SG
375	AL08094XL	HSTNN-IB9N	L86155-1C2	996QA202H	15.44	5930	90.00	94.00	411	CA515961E
376	CC03053XL	HSTNN-IB9F	L77608-1C2	996QA203H	11.55	4400	50.80	53.00	191	CA645180G
377	CC03053XL	HSTNN-IB9F	L77608-1B2	996QA204H	11.55	4400	50.80	53.00	191	SP645180SG
378	CX03053XL	HSTNN-IB9G	L77624-1C2	996QA205H	11.55	4400	50.80	53.00	202	CA645180G
379	HK04078XL	HSTNN-IB9J	L83796-172	996QA206H	7.72	9767	75.40	78.50	291	546975.00
380	CC03056XL	HSTNN-IB9W	L77622-171	996QA215H	11.55	4610	53.24	56.00	220	615383.00
381	RH03051XL	TPN-IB0A	M64307-171	996QA216H	11.58	4249	49.40	51.30	203	566075.00
382	WP03038XL	TPN-IB0B	M64305-171	996QA217H	11.58	3152	36.50	38.00	173	564975.00



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 Huapu Technology(Changshu)Inc.

383	WP03051XL	HSTNN-IB9X	M64304-171	996QA218H	11.58	4249	49.20	51.30	222	566075.00
384	WP03051XL	HSTNN-IB9Y	M64304-1D1	996QA219H	11.58	4249	49.20	51.30	227	566075ADB
385	WP06076XL	HSTNN-IB9Z	M64306-171	996QA220H	11.58	6304	73.00	76.00	354	564975.00
386	WP06076XL	HSTNN-IB9Z	M64306-1C1	996QA221H	11.58	6304	73.00	76.00	354	CA564975E
387	DM02032XL	TPN-IB0C	M74961-1D1	996QA222H	7.70	3971	30.57	32.18	130	3169B6ACB
388	CC03050XL	TPN-IB0I	M75015-1B1	996QA223H	11.55	4141	47.83	50.35		SP645180SG
389	SX03042XL_N CM	TPN-IB0J	M75016-171	996QA225H	11.40	3600	41.04	42.75	186	545974.00
390	RH03042XL	TPN-IB0K	M75017-1D1	996QA226H	11.40	3600	41.04	42.75	182	545974FCB
391	RH03042XL	TPN-IB0L	M75017-171	996QA227H	11.40	3600	41.04	42.75	183	545974.00
392	CC03050XL	TPN-IB0I	M75015-1C1	996QA234H	11.55	4141	47.83	50.35		CA645180G
393	MN06086XL	TPN-IB0M	M82220-1C1	996QA235H	11.58	7130	82.56	86.00	341	CA684467E-M
394	VE06055	HSTNN-IB46	441243-141	996-3180F						
395	VE06055	HSTNN-IB46	441243-141	996T3180F					310	
396	VS08095XL	TPN-IB0N	M85951-171	996QA236H	15.44	5907	91.20	95.00	399	624266.00
397	WF04066XL	TPN-IB0O	M89926-1D1	996QA237H	7.70	8210	63.21	66.52	264	505295ACB
398	RH03042XL	TPN-IB0P	M75017-172	996QA238H	11.40	3600	41.04	42.77	182	545974.00
399	GH02044XL	TPN-IB0Q	N19692-1D1	996QA242H	7.70	5256	40.47	44.04	187	HPP4473A9ACB
400	AE03041XL	TPN-IB0S	N20951-1B1	996QA240H	11.25	3467	39.00	41.04	175	SP515974SE-F
401	AE03041XL	TPN-IB0R	N20951-171	996QA241H	11.25	3467	39.00	41.04	175	515974E
402	SA04055XL	TPN-IB0U	L43248-171	996QA239H	15.00	3563	53.44	55.67	233	515974E
403	WQ03038XL	TPN-IB0T	N22285-171	996QA243H	11.55	3161	36.50	38.00	175	604975.00
404	QK06097XL	TPN-IB0V	N28647-1C1	996QA244H	11.55	7981	92.18	97.04	375	CA685071G-Q
405	QK06097XL	TPN-IB0V	N28647-1E1	996QA245H	11.55	7981	92.18	97.04	375	CSL685071
406	SI03054XL	TPN-IB0U	N31891-1D1	996QA246H	11.55	4350	50.24	54.72	233	407792ACB
407	WE03051XL	TPN-IB0X	N42388-1D1	996QA247H	11.58	4185	48.46	51.00	191	506473ADT
408	WE03051XL	TPN-IB0X	N42388-1E1	996QA248H	11.58	4185	48.46	51.00	187	KSL506473D
409	BX03056XL	TPN-IB0Y	N59733-171	996QA249H	11.58	4646	53.79	56.04	205	586075.00
410	GD03059XL	TPN-IB0Z	N66000-1E1	996QA250H	11.58	4854	56.20	59.16	222	KSL448078D
411	AE03041XL	TPN-IB1B	N20951-121	996QA251H	11.25	3467	39.00	41.04		
412	AE03041XL	TPN-IB1A	N20951-172	996QA252H	11.25	3467	39.00	41.04	169	515974K