



Customer: INCOM

Li-ion Aluminium Battery Specification

Model: KAL523450-1100mAh

Checked & Approved by	Prepared by	Date
Andrew Hou	Zhaozhen	2013-07-09

History of revisions					
Edition	Prepared by	Approved by	Date	Modify reasons	Modify content
A0	LiuQiang	Andrew Hou	2011-11-23		
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www.kayobattery.com

Note: 1.Kindly please sign on the underneath and send it back to us if the sample is approved.
2.Kindly please contact us as soon as possible if the sample isn't approved. Thanks!

Client Confirmation	
Date	



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1.Scope

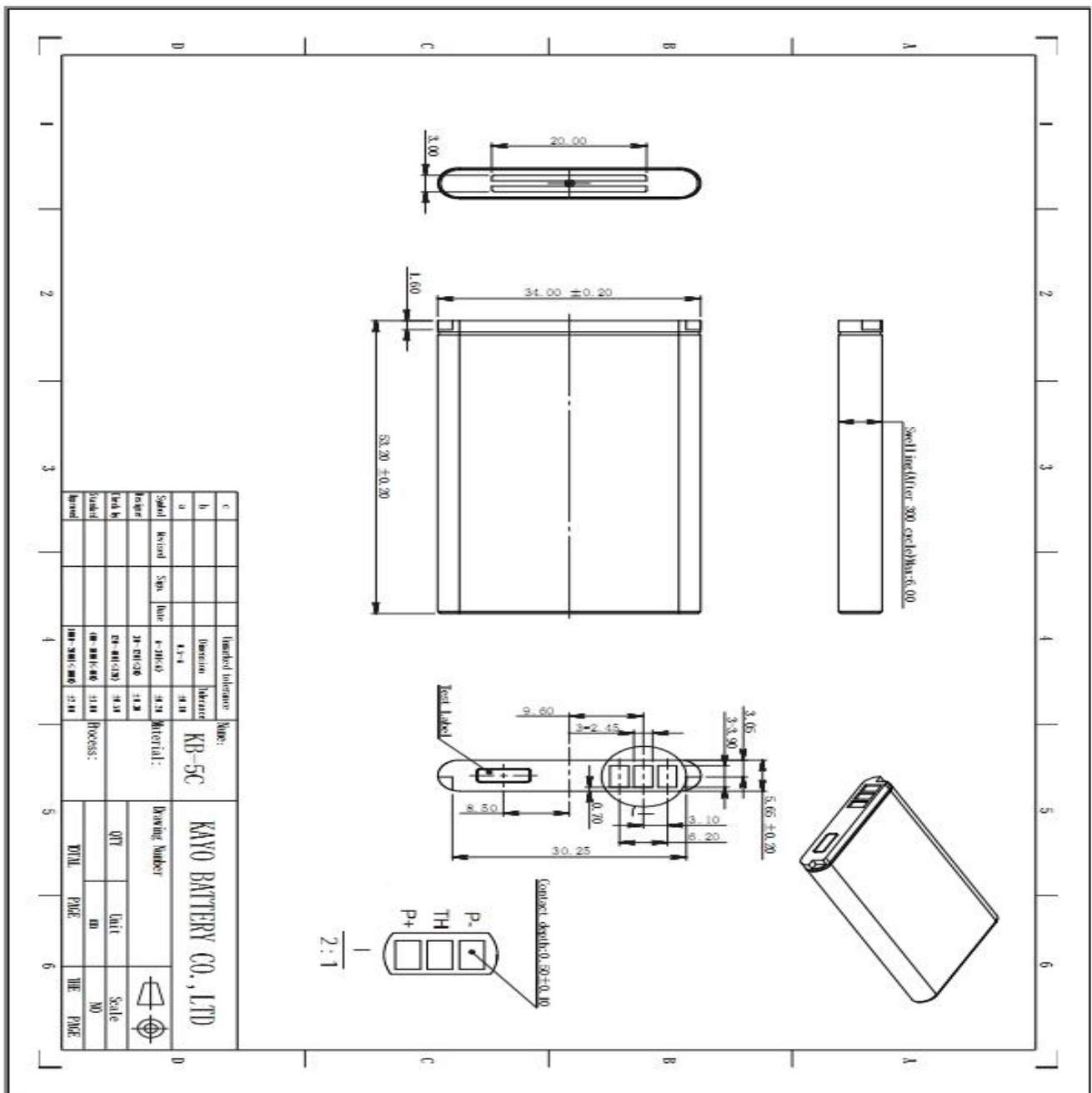
This specification is applied to KAL523450-1100mAh battery Manufactured by SHENZHEN KAYO BATTERY Co.,Ltd

2.Product Configuration

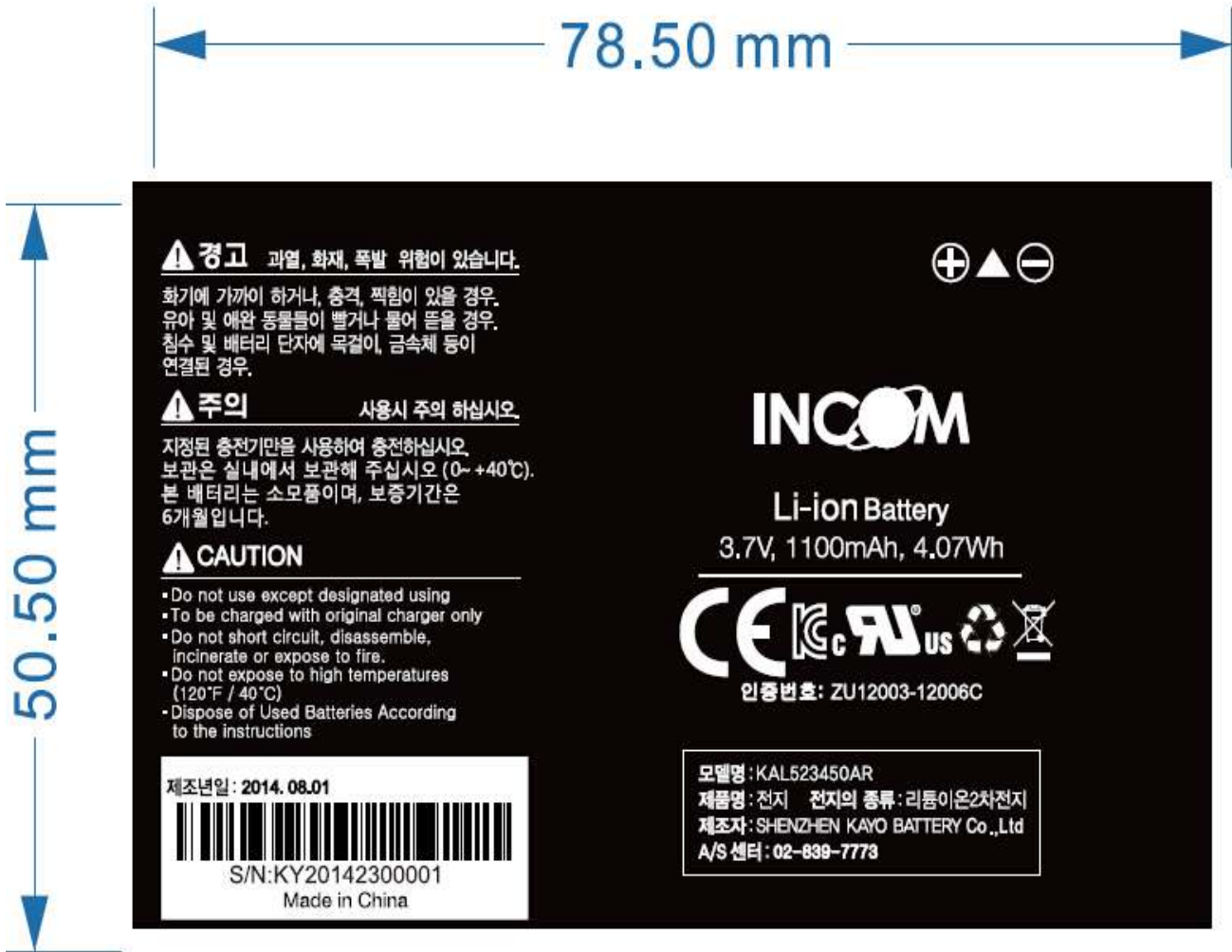
No.	Item	Criteria	Remark
1	Li-ion Aluminium Cell	KAL523450AR 1100mAh 3.7V	KAYO
2	PCM	MP23SB+100KNTC	JY906310
3	Wire & Connector	NO	
4	PVC Film	NO	

3.Product Dimension

3.1Product Dimension



3.2 Labeling



4.Product Specification

Table 1:

No.	Item	Rated Performance		Remark
1	Rated Capacity	Typical	1100mAh	Discharge at 0.2C ₅ A after standard charge fully.
		Minimum	1050mAh	
2	Nominal Voltage	3.7V		Mean operation voltage during standard discharge.
3	Voltage at end of Discharge	3.0V		Discharge cut-off voltage.
4	Charging Voltage	4.2±0.03V		
5	AC(1KHz)Impedance New Cell Max.(mΩ)	≤220mΩ		
6	Standard Charge	Constant Current 0.5C ₅ A Constant Voltage 4.2V 0.01 C ₅ A cut-off		Charge time : Approx 4.0h.
7	Standard Discharge	Constant current 0.2 C ₅ A end voltage 3.0V		
8	Fast Charge	Constant Current 1C ₅ A Constant Voltage 4.2V 0.01 C ₅ A cut-off		Charge time : Approx 2.5h.
9	Fast Discharge	Constant current 1 C ₅ A end voltage 3.0V		
10	Maximum Continuous Charge Current	1.0C ₅ A		
11	Maximum Continuous Discharge Current	1.0C ₅ A		
12	Operation Temperature Range	Charge: 0~45℃		60±25%RH. Bare Cell.
		Discharge: -20~60℃		
13	Storage Temperature Range	Less than 1 year: -20~25℃		
		Less than 3 months: -20~40℃		
14	Storage Humidity Range	60±25%RH.		
15	Weight	Approx:25g		Whole product
16	Product Dimension	Length:Max.53.2±0.20 mm		Initial dimension
		Width: Max.34.0±0.20 mm		
		Thickness:5.65±0.2mm		
17	The supplier of detecting voltage	≥3.78V		

5. Product Performance

5.1 Standard Testing Conditions

Test should be conducted with new batteries within one week after shipment from our factory and the cells shall not be cycled more than five times before the test. Unless otherwise defined, test and measurement shall be done under temperature of $20\pm 5^{\circ}\text{C}$ and relative humidity of 45~85%. If it is judged that the test results are not affected by such conditions, the tests may be conducted at temperature $15\sim 30^{\circ}\text{C}$ and humidity 25~85%RH.

5.2 Measuring Instrument or Apparatus

5.2.1 Dimension Measuring Instrument

The dimension measurement shall be implemented by instruments with equal or more precision scale of 0.01mm.

5.2.2 Voltmeter

Standard class specified in the national standard or more sensitive class having inner impedance more than $10\text{k}\Omega/\text{V}$

5.2.3 Ammeter

Standard class specified in the national standard or more sensitive class. Total external resistance including ammeter and wire is less than 0.01Ω .

5.2.4 Impedance Meter

Impedance shall be measured by a sinusoidal alternating current method(1kHz LCR meter).

5.3 Standard Charge\Discharge

5.3.1 Standard Charge : Test procedure and its criteria are referred as follows:

$0.5C_5A = 550\text{mA}$

Charging shall consist of charging at a $0.5C_5A$ constant current rate until the cell reaches 4.2V. The cell shall then be charged at constant voltage of 4.2 volts while tapering the charge current. Charging shall be terminated when the charging current has tapered to $0.01C_5A$. Charge time : Approx 4.0h, The cell shall demonstrate no permanent degradation when charged between 0°C and 45°C .

5.3.2 Standard Discharge

$0.2C_5A = 220\text{mA}$

Cells shall be discharged at a constant current of $0.2 C_5A$ to 3.0volts @ $20^{\circ} \pm 5\text{C}$.

5.4 Appearance

There shall be no such defect as flaw, crack, rust, leakage, which may adversely affect commercial value of battery.

5.5 Initial Performance Test

Table 2:

Item	Measuring Procedure	Requirements
Open-Circuit Voltage	The open-circuit voltage shall be measured within 24 hours after standard charge.	$\geq 4.08\text{V}$
AC Impedance Resistance	The Impedance shall be measured in an alternating current method (1kHz LCR meter) after standard charge at $20\pm 5^{\circ}\text{C}$.	$\leq 220\text{m}\Omega$
Nominal Capacity	The capacity on $0.2C_5A$ discharge shall be measured after standard charge at $20\pm 5^{\circ}\text{C}$.	Discharge Capacity $\geq 1050\text{mAh}$

5.6 Temperature Dependence of Capacity (Discharge)

Cells shall be charged per 5.3.1. and discharged @0.2C₅A to 3.0 volts, except to be discharged at temperatures per Table 3. Cells shall be stored for 3 hours at the test temperature prior to discharging and then shall be discharged at the test temperature. The capacity of a cell at each temperature shall be compared to the capacity achieved at 23 °C and the percentage shall be calculated. Each cell shall meet or exceed the requirements of Table 3.

Table 3:

Discharge Temperature	-20 °C	0 °C	23 °C	60 °C
Discharge Capacity (0.2 C ₅ A)	50%	80%	100%	95%

5.7 Cycle Life and Leakage-Proof

Table 4:

No.	Item	Criteria	Test Conditions
1	Cycle Life (0.5 C ₅ A)	Higher than 80% of the Initial Capacities of the Cells	Carry out 300 cycle charging/ Discharging in the below condition. ◆Charge: Standard Charge, per 5.3.1 ◆Discharge:0.5 C ₅ A to 3.0V ◆Rest Time between charge/discharge:30min. ◆Temperature:20±5 °C
2	Leakage-Proof	No leakage (visual inspection)	After full charge, store at 60±3 °C 60±10%RH for 1month.

6. PCM Specification

6.1 Using scope: The document applies to Li-ion Battery protection module for KAYO BATTERY.

6.2 Battery capacity: 1100mAh

6.3 Environment request: RoHS.

6.4 Function description: Over charge protection, Over discharge protection, Over current protection
Short circuit protection

6.5 Electric features:

Protection IC:MP23SB	Parameter value			
Parameter	Min.	Typ.	Max.	Unit
Operating input voltage	1.5		5	V
Overcharge Detection Voltage	4.245	4.280	4.315	V
Overcharge Detection Delay Time	0.7	1.0	1.3	S
Overdischarge Detection Voltage	2.925	3.00	3.075	V
Overdischarge Detection Delay Time	14	20	26	mS
discharging overcurrent detection voltage	0.08	0.100	0.120	V
Discharging Overcurrent Detection Delay Time	8	12	16	mS
Short Detection Voltage	0.55	0.8	1.0	V
Short detection delay time	230	300	500	μS
Current consumption	1.0	3.5	7.0	μA
Current consumption at stand-by	\	1.2	2.0	μA

6.6 Reliability test

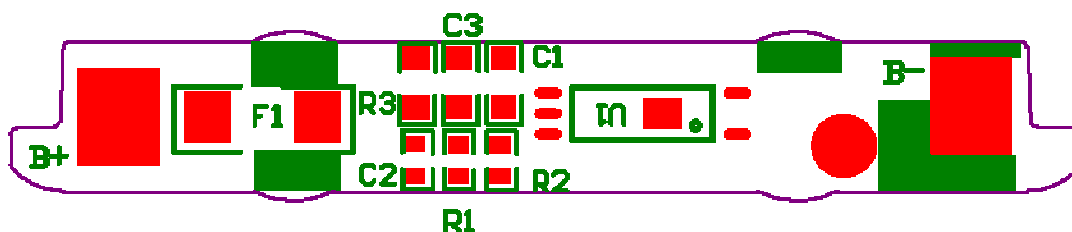
6.6.1 Humidity test: $+40 \pm 2^{\circ}\text{C}$, 90%RH, 48h.

6.6.2 High temp. test: $+55 \pm 2^{\circ}\text{C}$, 2h.

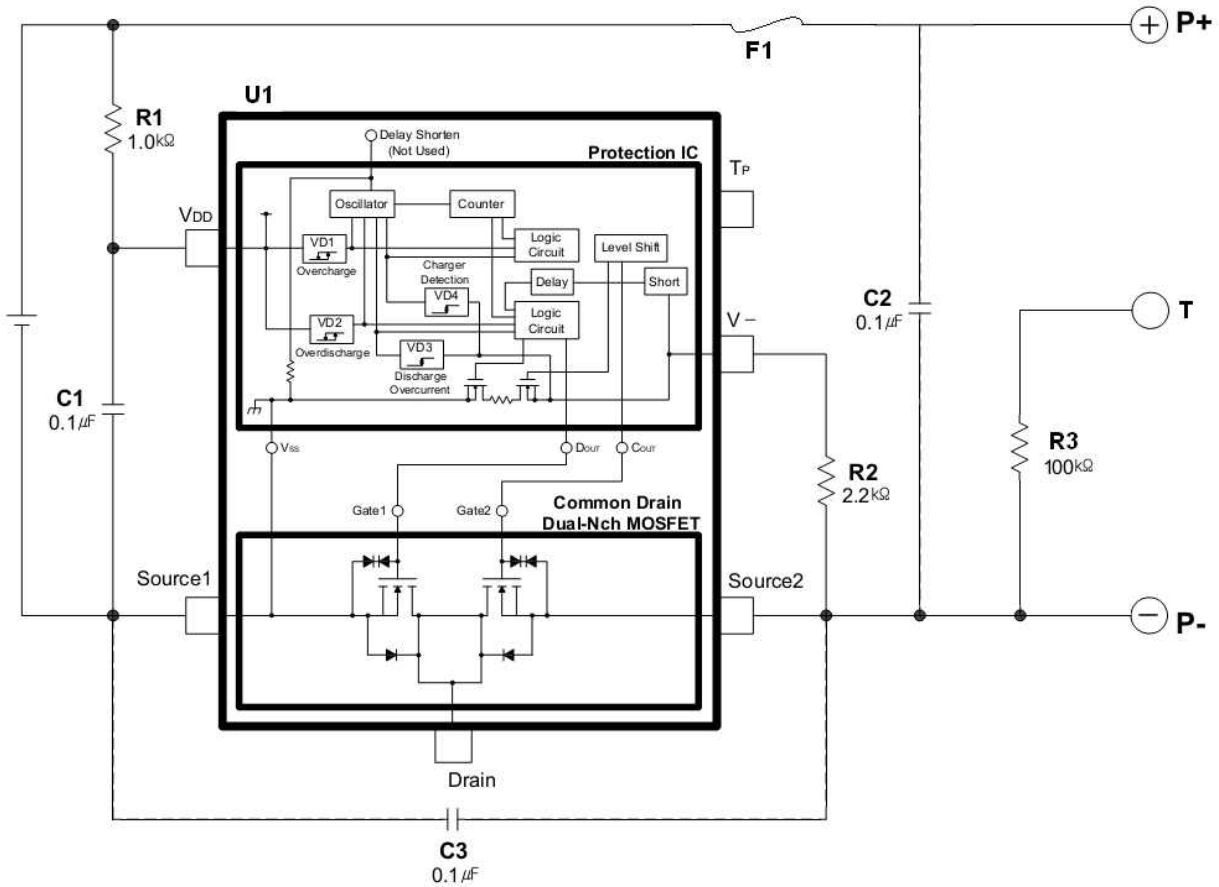
6.6.3 Low temp. test: $-20 \pm 2^{\circ}\text{C}$, 16h

6.6.4 ESD test: normal operation in all parts at $\pm 4\text{KV}$ (contact) $\pm 8\text{KV}$ (air) condition

6.7 Top overlay



6.8 Circuit diagram:



6.9 Parts list:

NO.	DESIGNATOR	PART TYPE	USENUMBER	PACKAGE	REMAKE
1	U1	Protection IC	MP23SB	TEP-5L	1PCS
2	C2	SMD Capacitance	0.1UF	0402	1PCS
3	C1 C3	SMD Capacitance	0.1UF	0603	2PCS
4	R1	SMD Resistance	1K±5%	0402	1PCS
5	R2	SMD Resistance	2.2K±5%	0402	1PCS
6	R3	SMD Resistance	100KNTC±5%	0603	1PCS
7	F1	PTC	SMD1210P175TF	1210	1PCS

7.Security Testing Standard

Item	Battery Condition	Test Method	Requirements
Over charge test	Fresh, Fully Charged	Charge the cell at constant current $3C_5A$ & constant voltage 4.6V, charging for 8h continuously.	No explode No fire
Over discharge test	Fresh, Fully Charged	Cell be discharged at constant current $0.5C_5A$ to 3.0V, then discharged at $0.2C_5A$ to 0V.	No explode no fire, nor smoke
Heat shock test	Fresh, Fully Charged Temperature $5^{\circ}C$	Put the cell in hot box ,then heat up to $130^{\circ}C$ in1 minute, remain for 30 minutes.	No explode No fire
Impact test	Fresh, Fully Charged	A 9.1kg weight to be dropped from 610mm height onto the cell center.	No explode No fire
Nail Pricking (3mm)	Fresh, Fully Charged	Prick through the cell with a nail having a 3mm diameter and remain 30minutes.	No explode, No fire
Crush	Fresh, Fully Charged	Crush between two flat plates. Applied force is about 13kN(1.72Mpa) for 10min.	No explode, No fire
Short Circuit test	Fresh, Fully Charged	make short-circuited by connecting the (+) and (-) terminals of the cell with a Cu wire having a maximum resistance load of 0.1Ω .Tests are to be conducted at room temperature($20\pm 2^{\circ}C$).	No explode, No fire Top temperature no exceed $150^{\circ}C$
Rate test	Fresh, Fully Charged	$0.2C/0.5C/1C$ charge & discharge.	
Low temperature discharge test	Fresh, Fully Charged	put the cell in $-20^{\circ}C$ for 1h, then discharge at $0.2C$ to 2.75V.	Discharge capacity $\geq 50\%$
High temperature discharge test	Fresh, Fully Charged	Put the cell in $60^{\circ}C$ for 1h, then discharge at $0.2C$ to 2.75V.	Discharge capacity $\geq 95\%$
Vibrate test	Fresh, Fully Charged	Vibrate the cell for 30 minutes per each of the three mutually perpendicular axis (X,Y,Z) after rated charge.	No rupture, no fire No critical damage
Drop test	Fresh, Fully Charged	Drop the cell from 1m above onto concrete board with 18~20mm thickness for one time each fro every direction after rated charge. After test, cells are discharged at $1C$ and charged at $1C$,cycles 3times to obtain the time of discharging.	No rupture, no fire No critical damage $\geq 51min$

8. Storage and Transportation

8.1 Storage:

- 8.1.1 The Li-ion battery pack should be stored in a cool, dry and well-ventilated area. and should be far from the fire and the high temperature.
- 8.1.2 The best capacity in storage is 30%-50% (voltage between 3.6-3.9V).
- 8.1.3 The battery should store in the product specification book stipulation temperature range. the best storage temp. is 0 to 25°C. The best humidity is 60±25%.
- 8.1.4 If has surpasses above for six months the long time storage, suggested you should carry on additional charge to the battery.

8.2 Transportation:

- 8.2.1 Do not mix the battery products with other cargos.
- 8.2.2 Do not immerse the battery products in water or allow it to get wet.
- 8.2.3 Do not over 7 layers staking and upside-down.
- 8.2.4 The highest temperature in transportation is lower than 65°C.

9. Use Attentions

To ensure proper use of the battery please read the manual carefully before using it.

9.1 Handling:

- 9.1.1 Do not expose to, dispose of the battery in fire.
- 9.1.2 Do not put the battery in a charger or equipment with wrong terminals connected.
- 9.1.3 Avoid shorting the battery
- 9.1.4 Avoid excessive physical shock or vibration.
- 9.1.5 Do not disassemble or deform the battery.
- 9.1.6 Do not immerse in water.
- 9.1.7 Do not use the battery mixed with other different make, type, or model batteries.
- 9.1.8 Keep out of the reach of children.

9.2 Charge:

- 9.2.1 Battery must be charged in appropriate charger only.
- 9.2.2 Never use a modified or damaged charger.
- 9.2.3 Do not leave battery in charger over 24 hours.
- 9.2.4 Charging current: Can not surpass the biggest charging current which in this specification book stipulated.
- 9.2.5 Charging voltage: Does not have to surpass the highest amount which in this specification book stipulated to decide the voltage.
- 9.2.6 Charge temperature: The battery must carry on the charge in the ambient temperature scope which this specification book stipulated.
- 9.2.7 Uses the constant electric current and the constant voltage way charge, the prohibition reverse charges. If the battery positive electrode and the cathode meet instead, can damage the battery.

9.3 Discharge:

- 9.3.1 The discharging current does not have to surpass this specification book stipulation the biggest discharging current, the oversized electric current electric discharge can cause the battery capacity play to reduce and to cause the battery heat.
- 9.3.2 Electric discharge temperature: The battery discharge must carry on in the ambient temperature scope which this specification book stipulated.

9.3.3 Over-discharges: After the short time excessively discharges charges immediately cannot affect the use, but the long time excessively discharges can cause the battery the performance, battery function losing. The battery long-term has not used, has the possibility to be able to be at because of its automatic flashover characteristic certain excessively discharges the condition, for prevented excessively discharges the occurrence, the battery should maintain the certain electric quantity.

9.4 Disposal:

Regulations vary for different countries. Dispose of in accordance with local regulations.

10. Period of Warranty

There is a six-month warranty for our export batteries from the date of shipment. If the problem happened during the warranty period, we are responsible to replace the defective ones according to the accurate analysis results. However, we won't take any responsibility if the problem is caused by the battery-related applications and related products.

11. Others

Because batteries utilize a chemical reaction, battery performance will deteriorate over time even if stored for a long period of time without being used. In addition, if the various usage conditions such as charge, discharge, ambient temperature, etc. are not maintained within the specified ranges the life expectancy of the battery may be shortened or the device in which the battery is used may be damaged by electrolyte leakage. If the batteries cannot maintain a charge for long periods of time, even when they are charged correctly, this may indicate it is time to change the battery.

12. Note

Any other items which are not covered in this specification shall be agreed by both parties.

13. Product Security Testing Report

13.1 Overcharge Test

Samples: 2pcs

Test method: At 23±5°C, cells are charged at constant current 3CmA and constant voltage of 4.6V while tapering the charge current to 0A. Stop the experiment when the temperature fall below the peak approximate 10°C.

Criteria : No rupture, No fire

Table:

Before overcharge	Sample 1	Sample 2
Appearance	OK	OK
Resistance(mΩ)	65	60
Voltage(V)	3.87	3.87
Capacity(mAh)	1105	1104
After overcharge	Sample 1	Sample 2
Appearance	OK	OK
Resistance(mΩ)	129	135
Voltage(V)	4.32	4.31
Capacity(mAh)	-	-
Temperature(°C)	38	42

Pic.



Before Charge



After Charge

Max temperature: 42°C

Test result: OK

13.2 Over-discharge Test

Samples: 2pcs

Test method: Cells are discharged at constant current 0.5CmA to 3.0V, then 0.2CmA to 0V.

Criteria :No rupture, No fire

Table

Before discharge	Sample 1	Sample 2
Appearance	OK	OK
Resistance(mΩ)	55	58
After discharge	Sample 1	Sample 2
Appearance	OK	OK
Resistance(mΩ)	>2000	>2000
Temperature(°C)	58	62

Pic.



Discharge Before



Discharge After

Test result: OK

13.3 Heat Shock Test(UL1642)

Sampling: 2pcs

Test method: Cells are charged and heated in a circulating air oven at rate of $5\pm 2^{\circ}\text{C}$ per minute to $130\pm 2^{\circ}\text{C}$. At 130°C , oven is to remain for 30minute before test is discontinued(Per UL1642).

Criteria: No rupture, No fire

Table

Before heat	Sample 1	Sample 2
Appearance	OK	OK
Resistance(mΩ)	56	54
Voltage(V)	4.18	4.18
Capacity(mAh)	1120	1100
After heat	Sample 1	Sample 2
Appearance	OK	OK
Resistance(mΩ)	301	321
Voltage(V)	4.16	4.16
Capacity(mAh)	-	-
Temperature($^{\circ}\text{C}$)	138	141

Pic.



Before hate shock



After heat shock

Test result: OK

13.4 Impact Test

Sampling: 2pcs

Test method: Cells charged are impacted with their longitudinal axis parallel to the flat surface and perpendicular to the longitudinal axis of the 9.1kg weight dropped from 610mm height.

Criteria :No rupture, No fire, the battery exterior temperature no exceed 150℃

Table

Before impact	Sample 1	Sample 2
Appearance	OK	OK
Resistance(mΩ)	53	57
Voltage(V)	3.88	3.87
Capacity(mAh)	1109	1105
After impact	As picture	As picture
Appearance	OK	OK

Pic.



Before impact



After impact

Test result: OK

13.5 Nail Pricking Test

Samples:2pcs

Test method: A nail (diameter :2.5-3mm) is penetrated vertically through the center of cells at 1000mm/min speed then pull out,and remain 30 minutes

Criteria :No rupture, No fire, the battery case temperature no exceed 150℃

Table

Before test	Sample 1	Sample 2
Appearance	OK	OK
Resistance(mΩ)	56	57
Voltage(V)	4.18	4.17
After test	As picture	As picture
Resistance(mΩ)	>2000	>2000
Voltage(V)	0.326	0.247
Temperature(℃)	95	87

Pic.



Before Nail Parcking



After Nail Parcking

Test result: OK

13.6 Crush Test

Samples: 2pcs

Test method: Crush between two flat plates. Applied force is about 13kN(1.72Mpa) for 10min (UL1642).

Criteria :No rupture, No fire

Table

Before crush	Sample 1	Sample 2
Appearance	OK	OK
Resistance(mΩ)	58	55
Voltage(V)	4.18	4.17
Capacity(mAh)	1107	1105
After crush	As picture	As picture
Appearance	OK	OK

Pic.



Before Crush



After crush

Test result: OK

13.7 Short Circuit Test

Samples: 2pcs

Test method: Cells are charged, and the positive and negative terminal is connected by a 100mΩ-wire for 1 hour .

Criteria :No rupture, No fire

Pic.



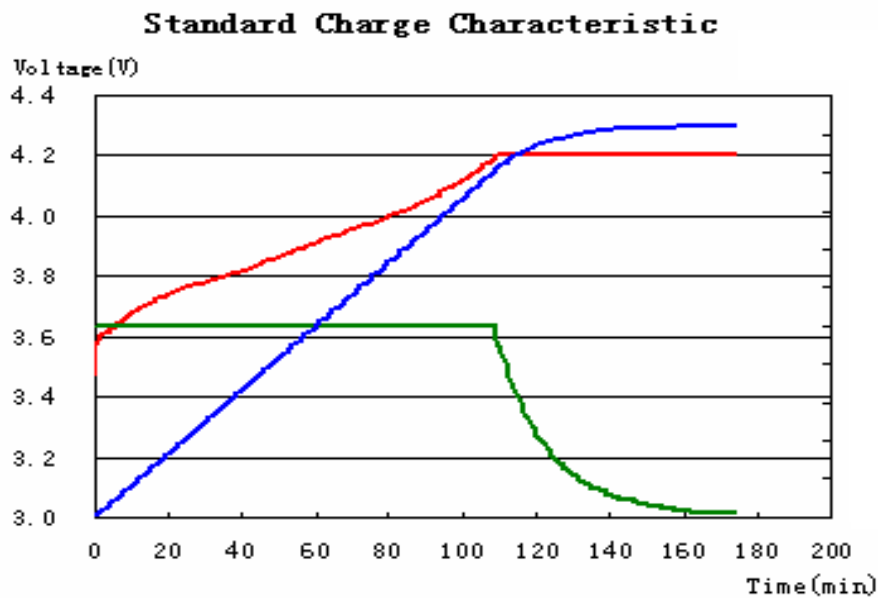
Test result: OK

13.8 Stand charge and Rate Test

Samples: 3pcs

Test method : 0.5C Charge and 0.2C/0.5C/1C Discharge.

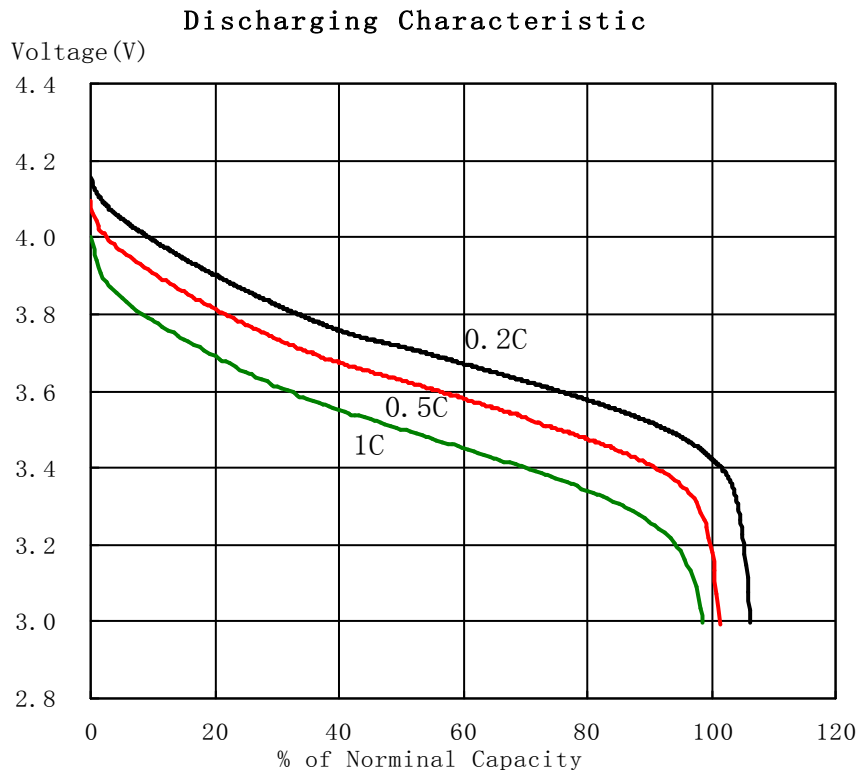
Curve Graph



Red:Voltage

Blue:Capacity

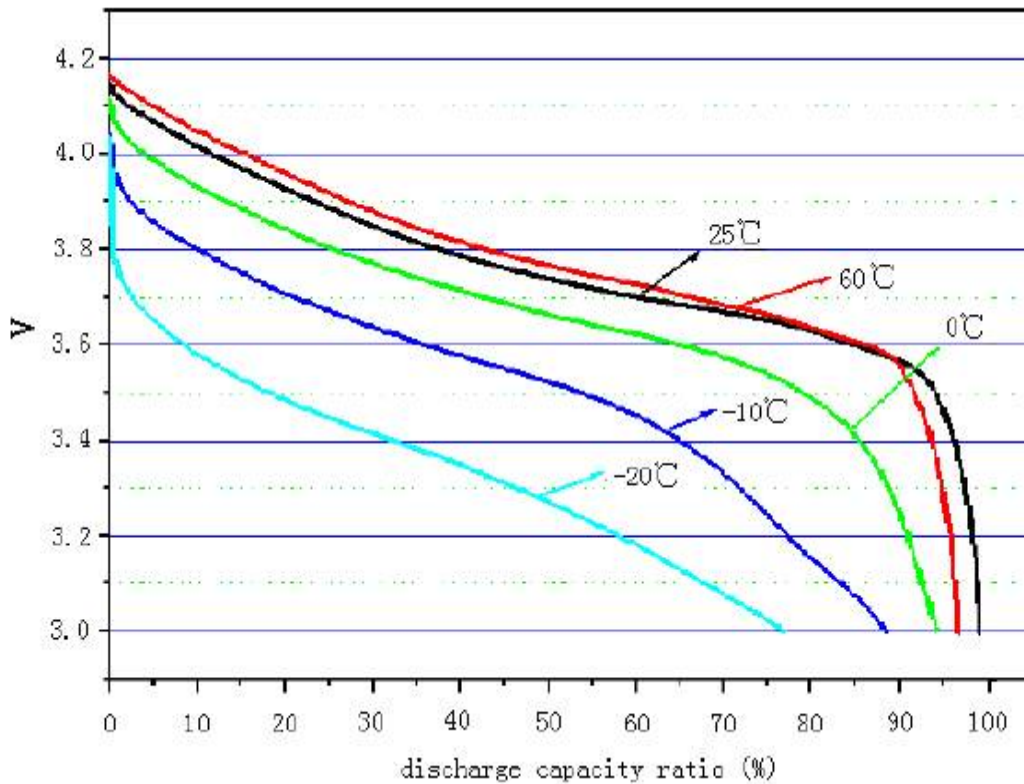
Green:Current



13.9 Different Temp . Discharge Test (-20℃ - 60℃)

Test method : 0.5C Charge and 0.2C Discharge in different temperature.

Curve Graph



14. Warning



경고 (Warning)

Lithium-Ion Battery pack

< 경고 > 발열, 화재, 폭발 등의 위험을 수반할 수 있으니 다음 사항을 지켜 주시기 바랍니다.

- 육안으로 식별이 가능할 정도의 부풀음이 발생된 전지는 위험할 수 있으므로 제조자 또는 판매자로 즉시 문의할 것
- 지정된 정품 충전기만을 사용할 것
- 화기에 가까이 하지 말 것 (전자레인지에 넣지 말 것)
- 여름철 자동차 내부에 방치하지 말 것
- 찜질방 등 고온다습한 곳에서 보관, 사용하지 말 것
- 이불, 전기장판, 카펫 위에 올려 놓고 장시간 사용하지 말 것
- 전원을 켜 상태로 밀폐된 공간에 장시간 보관하지 말 것
- 전지 단자에 목걸이, 동전, 열쇠, 시계 등 금속 제품이 닿지 않도록 주의할 것
- 휴대 기기, 제조 업체가 보증한 리튬 2차 전지 사용할 것
- 분해, 압착, 관통 등의 행위를 하지 말 것
- 높은 곳에서 떨어뜨리는 등 비정상적 충격을 주지 말 것
- 60℃ 이상의 고온에 노출하지 말 것
- 습기에 접촉되지 않도록 할 것

폐기지침

- 다 쓴 배터리는 함부로 버리지 마십시오.
- 배터리 팩을 폐기할 경우 소각 및 불 속에 집어넣지 마십시오. 열로 인해 폭발 및 화재가 발생할 수 있습니다.
- 배터리 폐기 방법은 나라 및 지역에 따라 다를 수 있습니다. 적절한 방법으로 폐기하세요.

충전방법에 대한 권고 지침

- 사용자 설명서에 나와 있지 않은 방법으로 배터리 팩을 충전하지 마십시오. 화재나 폭발이 발생할 수 있습니다.

15. Battery packing

Inner Box dimension:200*120*80

Out box dimension:415*255*128

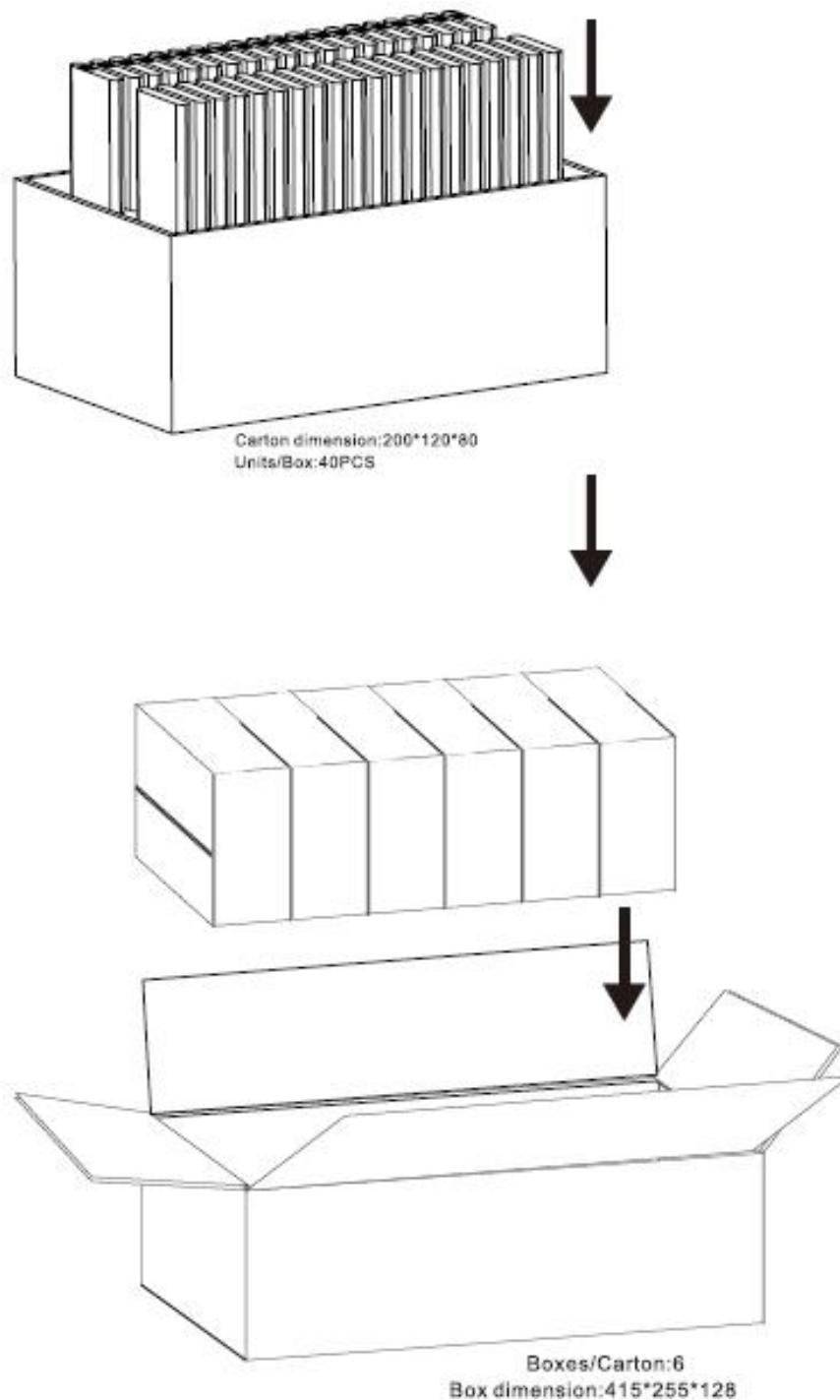
40EA / Inner Box

6Inner box / Out box(=Carton)

240EA/ Carton

NW: 6.0KG

GW: 7.0KG





16. PICC global liability insurance



中国人民财产保险股份有限公司
PICC PROPERTY AND CASUALTY COMPANY LIMITED

总公司设于北京 一九四九年创立

限在深圳市销售
AEOTHA2011Z00
深: 44031200028155

产品责任保险(1995版) 保险单

PRODUCTS LIABILITY INSURANCE POLICY'S SCHEDULE

保单号/PolicyNo: PZAI20134403000000048

中国人民财产保险股份有限公司(以下简称“本公司”)按照本保险单的约定,在本保险单期内,负责赔偿在本保险单明细表中列明的被保险人依法对第三者应承担的经济赔偿责任,特立本保险单为凭。

PICC Property and Casualty Company Limited (herein-after called "The Company") undertakes that subject to the terms and conditions contained herein or endorsed hereon the Company shall indemnify the Insured for the Legal Liability incurred by the insured during the period of insurance stated in the Schedule in the manner and to the extent hereinafter provided.

投保人信息/Policy Holder

投保人名称/Applicant: SHENZHEN KAYO BATTERY CO., LTD.

被保险人信息/The Insured Information

被保险人名称 Name: SHENZHEN KAYO BATTERY CO., LTD.

被保险人地址Address: The 5th Floor, 11# Building, Hualian Industrial Park, Huaning Road, Dalang Longhua

被保险人营业性质 Nature of Business: 生产和销售商

承保区域 Territory of Coverage: 世界范围(包含美、加地区)

保障内容/Protection Information

产品名称及规格型号 Description and Model	数量 Quantity	销售额 Turnover USD	承保区域 Territory of Coverage
As to in remarks	0.00	3,500,000.00	世界范围(包含美、加地区)

责任限额和免赔额/Limits of liability&Deductible

每次事故赔偿限额: USD1,000,000.00

Limits of Indemnity For Any One Accident

每次事故每人人身伤亡赔偿限额: USD1,000,000.00

Limits of Indemnity of Bodily Injury (Any One Accident) for Each Person

每次事故财产损失赔偿限额: USD1,000,000.00

Limits of Indemnity (Property Damage) for Any One Accident

累计赔偿限额: USD1,000,000.00

Aggregate Limits of Indemnity

每次事故免赔额: USD5,000.00

Deductible (Any One Accident)

*每次事故,指不论一次事故或一个事件引起的一系列事故。

The words "ANY ONE ACCIDENT" shall mean any one accident or series of accidents arising out of one event.

保险费/The Premium

预收保险费 Deposit Premium: (大写)美元 柒仟元整 USD7,000.00

最低保险费 Minimum Premium: (大写)美元 柒仟元整 USD7,000.00

保险费率 Premium Rate: 2.00%

付费日期 Date of Payment: 2013年02月26日

追溯期/Retroactive Date

共36个月,自2010年02月26日零时起至2013年02月25日二十四时止。

保险期限

自2013年02月26日零时起至2014年02月25日二十四时止。

Period of Insurance

from 02/26/2013 at 0:00 To 02/25/2014 at 24:00 .

司法管辖/Jurisdiction

世界范围(包含美、加地区)

保险人/Insurer: 南山支公司业务二部

邮编/P C: 518054

电话/TEL: 26403612

地址/Address: 南油大道粤海大厦中座1楼营业厅

校核/Authorized Signature: 杜娟

日期/Date: 2013年02月20日(@strSignature.签章)

PICC PROPERTY AND CASUALTY COMPANY LIMITED
SHENZHEN BRANCH

李志军

LI ZHI JUN GENERAL MANAGER
(11)

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尊敬的客户:您可通过本公司网站(www.e-picc.com.cn)、95518客服电话或附近的营业网点查询保险单信息。若对查询结果有异议,请通过以上三种渠道联系本公司。

尊敬的客户:为保障您的利益,请在收到本保险单一周内拨打我们的24小时服务热线195518核实保险单资料。
(本保单“PICC”在紫外线灯下显示为红色)

第四联 被保险人留存