

SPECIFICATION FOR APPROVAL

客户承认书

GPN No.: KC1010-171075

Model No. 型号: KRE-Q02

REV 版本: 01

Design No. 设计流水号: 180521-000001-171075



景荣企业有限公司
中山市景荣电子有限公司

KINGRONG ENTERPRISE LTD. (Since 2008)

ZHONGSHAN KINGRONG ELECTRONICS CO., LTD.

客户承认书

SPECIFICATION FOR APPROVAL

DESCRIPTION/概述: 1 Coil Quick Wireless Charger (智碟)

COIL No. & WATTS/线圈数及功率: 1 Coil & 10W

CUSTOMER P.N. /客户料号: _____

PART NO. /产品编号: KRE-Q02 RoHS: Yes

CUSTOMER AUTHORIZED SIGNATURE/客户承认签字

Special Notes 特殊要求	1. Support Apple 7.5W & Samsung 10W	Signature & seal: Date:
	2.	
	3.	
	4.	

Sign it means acknowledge our sample(s) performance and we production to samples. In the event of discrepancies between the sample(s) and specification, the sample(s) shall prevail. /客户确认签字, 盖章即视为确认样品性能, 以样品为准生产.

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Design No. 设计流水号: [180521-000001-171075](#)**0. Revision List /变更履历表**

变更后立即通知生产更新资料，切记！

Rev. 版本	Date 日期	Description of Changes 变更内容描述	Notes 备注
1.0			
2.0			
3.0			

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1. Product Function /产品功能

1.1 Introduction of Wireless Charging Function 无线充电功能介绍

The product could achieve short-range radio transmission by magnetic induction, applicable to charging for digital products of communications, furniture, fire protection, water proof and other digital products, this product meets Qi wireless charging standard, and compatible with all Qi enabled devices. /本产品通过磁感应方式实现短距离无线电能传输, 适应数码产品充电以及通信、家具、消防、防水等数码产品。本产品符合 Qi 无线充电标准, 凡是符合 Qi 标准的接收端都可以使用本产品进行充电,

This product has wide operating voltage which can adapt to most USB A adapter and QC2.0 adapter. /本产品有较宽的工作电压能适应绝大多数 USB A 输出的普通适配器或符合 QC2.0 的适配器。

Support fast wireless charging./本产品支持快速无线充电功能。

1.2 Usage /使用方法

Connect the adapter through Micro USB cable (standard cable). /将发射器通过 USB A 转 Micro USB 线连接 (产品标配的数据线)

Under normal charging mode when connect to 5V normal power adapter:/ 如果适配器是 5V 输出的, 产品工作在普通无线充电模式时:

It supports: **5W** loads max, under normal charging mode./普通模式下最大支持负载

Under fast/quick charging mode when connect to QC2.0 power adapter./ 如果适配器符合 QC2.0 标准, 产品工作在快速无线充电模式时:

It supports: **7.5W & 10W** loads max, under fast/quick charging mode /快充模式下最大支持负载。

1.3 Transmitter Pad Indicator Light Working Description/发射板指示灯工作说明

Condition 状态	Startup status 启动状态	Hold status 保持状态	Charging 充电状态	Fully charged 充满	Faulty 错误
LED 灯					
T Blue 蓝灯	Blinking 3times 闪烁三下	Off 关	Blue lights off after 30s 蓝灯 30 秒后熄灭	Off 关	Blinking 闪烁

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s: The greater deviation distance, the lower charging efficiency.

温馨提示: 偏离距离越大, 充电效率越低。

The phone receiver coil center should be place in the center of transmitter, allowed distance is ($\pm 2.5\text{mm}$), If over this range, the transmitter will not work. It needs to put the phone in the correct position and the device will enter the charging status.

手机端接收线圈中心位置偏移发射线圈中心位置超出允许距离($\pm 2.5\text{mm}$), 发射器将不工作, 需将手机重新正确放置, 设备将重新进入充电状态。

3. Basic Performance Parameters/基本性能参数

3.1 Input voltage current /输入电压电流: 5V/2A ~9V/1.67A

3.3 Output current (no-load) /输出电流 (空载): $\leq 15 - 58\text{mA}$

3.4 Output current (full load) /输出电流 (满载): 2A

3.5 Output load voltage Load /输出负载电压:

Output DC5V/9V $\pm 0.25\text{V}$

3.6 Efficiency (full load) /转换效率 (满载): $\geq 73\%$

3.7 Working Frequency /工作频率: 110-205 KHz

3.8 Ripple & Noise /纹波及噪声: $\leq 100\text{mVp}_p$

3.9 IC Solution /使用IC方案: GPMQ8005B

3.10 Working Temperature /工作温度: 0~40°C

3.11 Relative Humidity /相对湿度: 10%~80%

4. Electric Characteristics /电性特征

4.1 MTBF Qualification/平均间隔故障时间估算

The average failure rate is less than 0.5% under 25 °C when working 20,000 hours. /工作2万小时, 在25°C环境下平均失效率小于0.5%.

4.2 Aging Test /老化测试

Under normal temperature, aging test 4 hours when full load./ 常温, 满载老化时间4H。

4.3 No Load Test /空载测试

DC5V, DC9V, standby 4 hours, electrical property and structure are normal. /DC5V, DC9V 输出端无负载, 待机时间4H, 本体无冒烟, 电性正常, 结构无异常。

4.4 Load Aging /负载老化

DC5V, DC9V, Load current I=1000 mA as an example, aging test 4 hours, electrical property and structure are normal. / DC5V, DC9V, 以负载电流I=1000 mA, 老化4H, 电性正常, 结构无异常。

5. Reliability Requirements /可靠性要求

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Design No. 设计流水号: **180521-000001-171075****5.1 High Temperature Storage Test /高温储存测试**

Test temperature is $85^{\circ}\text{C}\pm 2^{\circ}\text{C}$, test 4 hours. Place products 4 hours at normal temperature after test, the appearance and electrical property are normal. /测试温度为 $85^{\circ}\text{C}\pm 2^{\circ}\text{C}$, 持续测试时间为4H。测试完后在常温下放置4H后, 外观、电性能正常。

5.2 Low Temperature Storage Test /低温储存测试

Test temperature is $-10^{\circ}\text{C}\pm 3^{\circ}\text{C}$, test 4 hours. Place products 4 hours at normal temperature after test, the appearance and electrical property are normal. /测试温度为 $-10^{\circ}\text{C}\pm 3^{\circ}\text{C}$, 持续测试时间为4H。测试完后在常温下放置4H后, 外观、电性能正常。

5.3 High and Low Temperature Cycle Tests /高低温循环测试 (冲击)

High and low temperature cycle tests: test temperature is $85^{\circ}\text{C}\pm 2^{\circ}\text{C}$, humidity 90%-95%, test 1 hour. Low temperature -10°C , time 1 hour, 6 cycling test. Place products 4 hours at normal temperature after test, the appearance and electrical property are normal. /高低温循环测试 (冲击): 测试温度 $85^{\circ}\text{C}\pm 2^{\circ}\text{C}$, 湿度90%-95%, 实验持续时间1H, 低温 -10°C , 时间1H, 进行6个循环, 测试后在常温下恢复4H, 外观、电性能正常。

5.4 Work High-temperature Test /高温工作测试

Working 12 hours under 60°C , 95 RH, check product per 2 hours if function works well, put aside 24 hours under room temperature after testing, function and structure are normal. /温度 60°C , 湿度95%, 工作12H, 每2H检查一次, 测试后常温24H, 电性能、结构正常。

5.5 Work Low-temperature Test /低温工作测试

Temperature is -10°C , input DC5V /9V, humidity 20%-30%, connected load and working 12 hours, check every two hours, the electrical property and structure are normal after 2 hours test under normal temperature. /温度 -10°C , 输入DC5V /9V, 湿度20%-30%, 连接负载工作12小时, 每隔2H检查一次, 测试后常温2H, 电性能及结构正常。

5.6 Cord Bending Test /摇摆测试:

Lifting weight: 500 g, swivel angle: 90° between left and right, swivel frequency: 2 times every minute, still conducts after 500 times. /吊重500克, 摇摆角度: 90° 度, 摇摆频率: 2次/分钟, 摇摆次数: 500次以上; 线皮无破损, 导通阻抗正常。

5.7 Strain Relief Test / 拉力测试:

USB tension test machine pull after plugging in, strength: 0.6kgf-1.0kgf. /输入端拉力, 插入后再用拉力计拉出, 力度0.6kgf-1.0kgf.

5.8 Insertion and Extraction Test /插拔测试

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Inserting and drawing strength is in the range of 9.5-12N, the intensity is no less than 3N after plug 5 times, no less than 1.5N after plug 1500 times, plug and socket tested more than 500 times, plug injection molding wear, the structure and conduction performance are normal. (Inserting and drawing frequency: 500 times every hour.) / 插拔力度在9.5-12N, 插拔5次后力度不小于3N, 插拔1500次后(每小时500次)力度不小于1.5N, 插头及插座必须通过500次插拔测试, 插头注塑件外观允许磨损, 结构仍然保持完整, 且导通性能无异常。

5.9 Salt Spray Test / 盐雾测试

The salt water density is 5%, lays aside the sample in the salt-fog test box 8 hours under 35 °C. Put aside the sample in room temperature for 1 hour after testing, there is no rust on the appearance of exposed metal and galvanized parts. / 盐水浓度为5%, 持续喷雾8H, 桶内温度35°C。实验结束后取出, 在常温下搁置1H后, 在检查外观, 外露金属及电镀件不生锈。

5.10 Drop Test / 跌落测试

Drop test at 1.0m, 6 edges for 10 times, works as usual, indentation no more than φ5mm, electrical property and structure are normal. / 单体跌落, 高度为1m, 自由跌落到木板地面上, 一角三边六面, 总跌落10次。试验后对外观进行检查, 电性能正常, 可接受直径最大为5mm表面压痕, 结构无异常。

5.11 Vibration Test / 振动测试:

Frequency 10-55Hz, sweep frequency cycle time 10 times in X, Y and Z directions for 30 minutes, appearance and function are normal. / 频率为10-55Hz, X/Y/Z每个方向上扫频循环次数为10次, 总时间30分钟, 外观电性正常。

6. Automatic Protection / 自动保护功能

When the transmitter detected its connector's load current is too large (current exceeds the rated output), the transmitter will disconnect with the mobile receiver automatically. Put the mobile phone in correct position again after move the mobile 5 seconds later. It will re-enter charging status when the connection is successful. / 当发射器检测到与其连接的负载电流过大(电流超过额定输出值), 发射器自动关断与接收器连接, 进行自动安全保护。将设备移开5秒钟后重新正确放置, 连接成功才能重新进入充电状态。

7. Charging Range Test / 充电范围测试

Mark the center of coils on wireless charger transmitter, placing the standard interval of 2-4.5 mm receiving terminal acrylic sheets in wireless charger transmitter, charging test can identify normal range. Standard: 1.8 to 2.5 mm. The receiver recognition is normal in the interval of 7 mm acrylic sheets.

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/ 在发射端标记好线圈中心点，用标准接收端中间隔2 - 4.5 mm亚克力板置于发射端，测试能正常识别的充电范围。标准：1.8 - 2.5 mm。

中间隔7 mm亚克力塑胶板，接端正常识别。

8. Sensitivity Test /灵敏度测试

Using the standard interval of 2-4.5 mm in the receiving terminal acrylic sheets and place it in transmitting terminal every 3 to 5 seconds , Test the speed of each recognition. The recognition time is less than 1 second. The normal recognition time is less than 1 second, in the interval of 4.4 mm acrylic./用标准接收端中间隔2-4.5 mm 亚克力板，每间隔3-5秒放置于发射端一次，测试每次识别的速度。要求识别时间小于1秒。中间隔4.4 mm亚克力塑胶板，接收端正常识别小于1秒。

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9. Outline & PCBA Photograph/外观和 PCBA 示意图

Size 尺寸: L 95*W 95 *H 15 mm

N.W 净重: 100 kgs

G.W 毛重: 249 kgs



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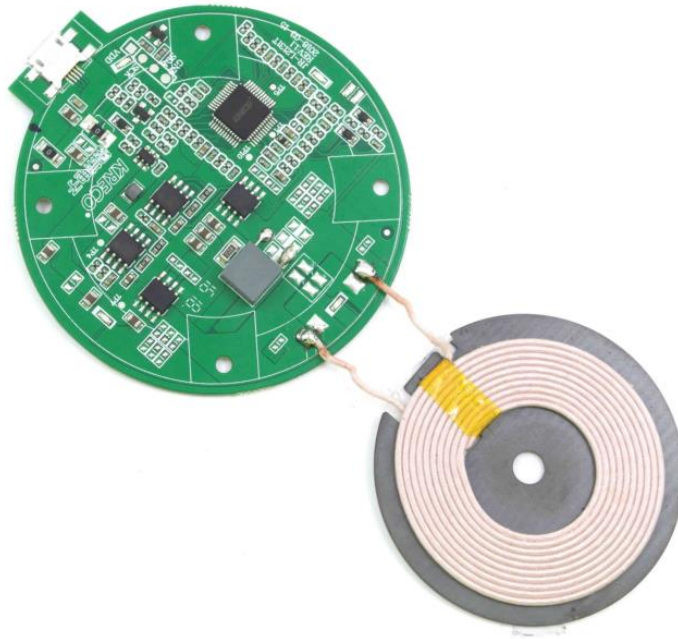
客户承认书


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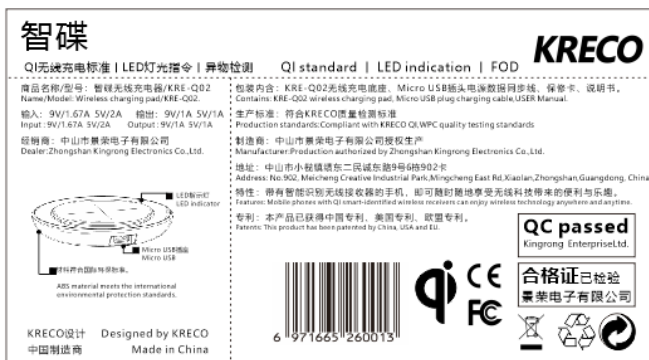
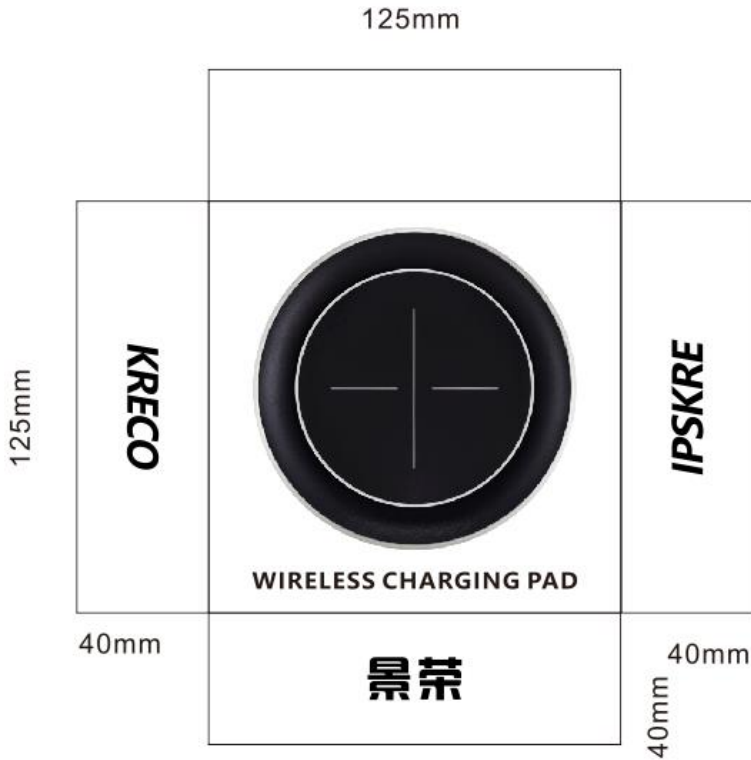
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10. Retail Packing Design & Photograph /零售包装设计示意图

Size 尺寸: L 125*W 125*H 40mm

Gift box type/彩盒 Cover box type/天地盖盒

Plastic transparency box/透明塑料盒



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10.1 The instructions 说明书

220mm



KRECO

KRE-Q02

智碟无线充

感谢您选择精英数码无线充电产品。智碟无线充电器（以下简称“智碟”），其设计灵感来源于古代的印泥碟。古时印泥碟蕴含着深厚的人文文化，现在智碟体现了中国传统文脉，又承载着科技创新和未来！它采用环保材质，耐冲击力强，更好地保护内部结构，因此性能更加稳定；即放即充，不一样的充电方式让您享受无线科技带来的便利与乐趣！

可对支持Qi标准的所有手机或其他电子产品进行充电。

使用产品前，请认真阅读本说明书，并接受保养，以备查阅。

产品包装

盒装KRE-Q02智能无线充电器、2A电源数据同步线和用户使用说明书。

若有任何遗漏或损坏，请立即咨询您的经销商。（因每个地方配件要求不同，可能配件会有所不同）

使用说明

1. 接通电源后（建议使用QC2.0及以上快充充电器），指示灯蓝色闪烁3次，表示Micro USB插头已经通电，智碟已经进入上电状态。
2. 放上需要充电带有Qi功能的设备，即智碟进入充电状态，蓝色指示灯亮3秒后熄灭。
3. 上电状态下蓝色指示灯持续闪烁，即为异常状态，请检查设备表面是否有异物。

▲ 注意事项

- 请使用合格的电源适配器，否则可能引起充电不稳定。
- 请勿在充电器放置杂物或磁卡，可能会引起充电器损坏或异常。
- 使用过程中如果检测到接收线圈或发射板过热导致停止充电，请取下在充电的设备，待冷却后，重新尝试充电。

▲ 安全须知

- 请勿触碰拉出电源数据同步线，避免断裂或脱落。
- 请勿将智碟自行拆卸或投入火中、水中，避免造成短路。
- 请勿将智碟在严重高温、潮湿或腐蚀性环境下使用，避免损坏电路出现短路现象。

名称	型号	KRE-Q02
输入	电压DC 5V/2A	电流9V/1.67A
输出	电压DC 5V/1A	电流9V/1.1A
充电限制电压	5V~9V	
执行标准	WPC/QI/KRE2018	
转化率	快充≥70%	快充≥80%

智碟无线充

常见问题答疑

1. **手机放不上充电器?**
手机未对准充电感应区域或接收线圈未正确安装。
2. **充电发热?**
无线充电过程接收线圈或发射板出现发热为正常现象。
3. **手机充电断线?**
- 电源适配器充电电流不够或电压不稳定，请使用9V/2A或QC2.0及以上符合国家标准充电器。
- 充电位置不稳，电磁感应不好，可以调整充电位置。
4. **主机指示灯正常，手机却无法工作?**
手机接收线圈故障，建议更新接收线圈或者修理手机。（内置接收线圈）
5. **充电比较慢?**
- 手机本身为外置线圈允许无线充电电流的大小不同。
- 手机充电时待机耗电大，建议减少手机待机程序。
- 适配器没有达到9V/2A或QC2.0及以上快充充电器。
- 更换了未达到2.5A电流的充电器。
请选择正牌电源适配器和电源数据同步线。

(其它问题请查看保养手册的附录)

外形、材质及功能示意图



尺寸: Ø95X15mm

保修期限与条款

本产品只针对中国大陆地区合法销售和使用的产品进行保修。自产品销售之日起7日内，若产品出现性能故障，并且产品本身及外包装完好，无人为损坏，顾客可以购买同型号产品。本产品有效保修期限为自售出之日起1年，在保修期内可以凭产品出厂付款凭证到购买点得到保修服务，保修期外的产品先付款凭证到购买点得到保修服务。

本产品的保修不适用于

1. 非本公司生产的产品；
2. 非本公司代理销售的产品；
3. 因自然灾害等不可抗力（如地震、火灾等）原因造成的产品故障或损坏；
4. 因人为原因（擅自拆卸、更改任何元件或配件、未经授权拆书要求改装、保管及使用、输入不合规电压等等）造成的产品故障或损坏；
5. 用户自行涂改、篡改凭证；
6. 设备、配件已经超出了保修期。

(本保修条款解释权归本公司所有)

二维码



扫码/获取产品


二维码



扫码/获取产品

https://www.krecogroup.com

110mm



KRECO

KRE-Q02

Wireless Charging Pad

Thank you for choosing our wireless charging product. The design of the "Widener Dish" was inspired by the ancient ink pad dish, an ancient printing inkpad dish contains deep culture connotations, now it embodies both traditional Chinese and future technology in various ways, it adapts to the environmental protection material, better protection against impact to protect the internal structure so that performance is more stable, just put on the air, charge your device without cable, the type of charging experience allows you to enjoy the convenience of wireless technology fast!

Mobile phones or other electronic products that support the all Qi standards are available to charge.

Before using the product, please read it carefully and properly.

Packing

The package contains a user manual, KRE-Q02 wireless charging pad and 2A charging data transfer cable. If any item is missing or damaged, please consult your dealer immediately.

(Depends on the requirements of each area, the accessories may vary)

User Instruction

1. After plug in the power adapter(QC 2.0 and above are recommended), the indicator light is blue and flashing 3 times, which indicating it has been powered and the Widener Dish is powered on.
2. Put the Qi compliant device, the blue indicator powers off, the Widener Dish enters the charging status. LED will power off after 3D seconds.
3. The blue indicator is flashing continuously under the power on status, that is, abnormal status, please check the device surface whether there is foreign object.

▲ Attention

- Please use a qualified adaptor, otherwise it may cause instability of charging.
- Avoid dropping.
- Do not put metal sundries or magnetic cards on the charging board, which may cause damage or burn.
- Avoid extreme temperatures. In the process of use, if the receiving coil or the transmitting coil overheating causes the charging stop, please remove the charging device and then try to recharge it after cooling.

▲ Safety Notes

- Avoid pull hard the data cable.
- Avoid disassemble or put it into the fire or water to avoid short circuit or electric leakage.
- Please do not use it in severe high temperature, humidity or corrosive environment to avoid electric leakage.

Model	KRE-Q02	
Input	Fast 9V/1.67A	Normal 5V/2A
Output	Fast 9V/1A	Normal 5V/1A
Limit voltage	5V~9VDC	
Standards	WPC/QI/KRE2018	
Efficiency	Fast ≥ 80%	Normal ≥ 70%

Wireless Charging Pad

FAQ

1. **Doesn't charge your phone?**
- The phone has not been properly placed in the transmitting/wave center or receiving coil/wire is installed.
2. **Charging temperature is too hot?**
- It is normal to have heat in the transmitting pad and receiving coil during the wireless charging process.
3. **Intermittently charging?**
- Power of AC/DC adaptor is not sufficient or input voltage unstable, please use QC2.0, 9V/2A adaptor or above.
- Charging position is too partial, electromagnetic induction is not good, may adjust charging position.
4. **The LED is ok, but the phone does not work?**
- Mobile phone receiver coil fault, recommend to update receiving circle or repair coil/wire (fault on receiving coil).
5. **Slower charging?**
- The mobile phone itself or external receiver coil allows wireless charging current is different.
- mobile phone standby power consumption is too larger. Suggest reducing standby program.
- Power adapter output is not up to 9V/2A or above.
- Cable is changed.
Please select QC2.0, 9V/2A adaptor or above and charge 2.5A cable (other questions please contact after-sales dealer directly)

Schematic

KRE-Q02



Size: Ø95X15mm

Customer Service

This product is designed, made in China and intended for the legitimate sales and use international. KRECO is a registered brand of Zhongshan Kingrong Electronics Co., Ltd.

5 year limited warranty.

Lifetime technical support.

Support


Tel: +86-760-22582100
Email: info@krecogroup.com

The warranty is not applicable for


1. Products made by other company.
2. Products are not sold from agents of our company.
3. Damage caused by natural disasters such as earthquake, fire, etc.
4. Damage caused by human reasons (such as fire or red dismountment, alteration of any original, failure to install, storage and use, input unsuitable voltage/current, etc.)
5. Users alter and wear up product barcodes.
6. Exceeded the warranty period.

(The right of explanation is reserved by KRECO)

Company website




Shipping website



Scan code for product information

https://www.krecogroup.com

 <p>KINGRONG ENTERPRISE LTD. 景荣企业有限公司</p>	<p>Approved by:</p> <p>黄秀红</p>	<p>Checked by:</p> <p>吴静雯</p>	<p>Prepared by:</p> <p>王苑</p>

SPECIFICATION FOR APPROVAL

客户承认书

GPN No.: KC1010-171075

Model No. 型号: KRE-Q02

REV 版本: 01

Design No. 设计流水号: 180521-000001-171075

10.2 Warranty card 保修卡

180mm

55mm

<p>保修说明 真诚地感谢您购买了景荣公司（以下简称景荣）的产品，您将享受景荣为您提供 售后服务。为保护您的权益，现对景荣售后服务政策阐述如下，敬请仔细阅读：</p> <ol style="list-style-type: none"> 1. 景荣售后服务承诺：“优质服务，一年质保”。 2. 您的产品在正常使用中出现故障时请与景荣产品经销商、专卖店、售后服务中心联系。凭产品保修卡即可获得维修服务。 3. 若需要维修的电源产品属于厂家已停产的产品，将在征求用户的同意的情况下更换可替换产品，并收取适当的升级费用。 4. 景荣的“服务承诺”仅限于对产品故障硬件进行维修，因故障给您造成的任何直接或间接损失，景荣将按照国家相关法律法规规定承担责任。 5. 敬请注意销售商向您做出的所有额外承诺，景荣不承担相关责任。 6. 以下情况，不属于（景荣）产品保修服务范围： <ul style="list-style-type: none"> ● 超过三包有效期的 ● 无有效三包凭证、无有效商品发展的（能够证明该商品在三包有效期内的除外） ● 涂改三包凭证，序列号与本产品本体符号不符 ● 人为引起的损坏 ● 因不可抗力造成的损坏 ● 因软件或病毒造成的故障 ● 经非景荣授权的人员修理、改动、改装或拆卸的 7. 当您向景荣的售后服务机构和商家寻求帮助时，请您出示三包凭证、购机发票。如果您不能出示三包政策、购机发票、或三包凭证、购机发票与送修产品不符，景荣有权不提供保修服务。 <p style="text-align: center;">中山市景荣电子有限公司 Zhongshan Kingrong Electric Co., Ltd</p>	<p style="font-size: small;">此保修卡在中国适用，用户请保留此卡</p> <h1 style="font-size: 2em; margin: 20px 0;">产品保修卡</h1> <p style="font-size: small;">修理时请出示此卡以便记录</p>
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<p>景荣产品保修卡经销商联</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">产品型号 _____</td> <td style="width: 50%;">顾客姓名 _____</td> </tr> <tr> <td>制造编号 _____</td> <td>顾客地址 _____</td> </tr> <tr> <td>购买商店 _____</td> <td>顾客电话 _____</td> </tr> <tr> <td>商店电话 _____</td> <td>邮 箱 _____</td> </tr> <tr> <td>购买日期 _____</td> <td>邮 编 _____</td> </tr> </table> <p style="font-size: x-small;">客户服务联系方式: ☎ info@kreco.com.cn ☎ +86-760-22582166</p> <p style="font-size: x-small; text-align: center;">请务必认真填写好以上各项资料</p>	产品型号 _____	顾客姓名 _____	制造编号 _____	顾客地址 _____	购买商店 _____	顾客电话 _____	商店电话 _____	邮 箱 _____	购买日期 _____	邮 编 _____	<p>景荣产品保修卡经客户联</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">产品型号 _____</td> <td style="width: 50%;">制造编号 _____</td> </tr> <tr> <td>维修日期 _____</td> <td>故障原因 _____ 修理员 _____</td> </tr> <tr> <td>维修日期 _____</td> <td>故障原因 _____ 修理员 _____</td> </tr> <tr> <td>维修日期 _____</td> <td>故障原因 _____ 修理员 _____</td> </tr> </table> <p style="text-align: center; font-weight: bold;">经销商盖章</p> <p style="font-size: x-small; text-align: center;">请务必仔细阅读背面的维修说明，认真填写好以上的各项资料</p>	产品型号 _____	制造编号 _____	维修日期 _____	故障原因 _____ 修理员 _____	维修日期 _____	故障原因 _____ 修理员 _____	维修日期 _____	故障原因 _____ 修理员 _____
产品型号 _____	顾客姓名 _____																		
制造编号 _____	顾客地址 _____																		
购买商店 _____	顾客电话 _____																		
商店电话 _____	邮 箱 _____																		
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维修日期 _____	故障原因 _____ 修理员 _____																		

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	黄秀红	吴静雯	王苑

SPECIFICATION FOR APPROVAL

客户承认书

GPN No.: KC1010-171075

Model No. 型号: KRE-Q02

REV 版本: 01

Design No. 设计流水号: 180521-000001-171075

11. Test Report/测试报告

11.1 Test Program and Conditions/测试条件:

1. The product was test in still air at an ambient temperature of 23°C±5°C./室温测试
2. Original accessories of Samsung or Iphone, QC charger and data cable./原装配件
3. Charging position center to center whatever in vertical or horizontal/中心对准

11.2 Test Result/测试结果:

: Pass

11.3 Test Data/测试数据:

Days	Tested Mobile 测试手机	Mobile Status	Time	Battery %	Ambient Temp°C	Max.phone case Temp°C	TX Voltage Current	Remark
1	S6edge+	Power on	9:48	0%	27.6	27.6	9V 1.3A	
			10:48	50%	27.6	36	9V 0.78A	
			11:48	92%	28	35.8	9V 0.67A	
			12:17	100%	27.9	34.6	9V 0.16A	
2	S7edge	Power on	16:30	0%	28.7	28.7	9V 1.27A	
			17:30	31%	29.2	36.6	9V 0.59A	
			18:30	56%	29.8	36.8	9V 0.59A	
			19:30	78%	30	37.2	9V 0.58A	
3	S7	Power on	20:30	100%	30	37.2	9V 0.30A	
			13:28	0%	26.6	26.6	9V 1.29A	
			14:28	43%	27.1	37.2	9V 0.79A	
			15:29	79%	27.2	36.4	9V 0.33A	
4	NOTE5	Power on	16:13	100%	27.1	34.8	9V 0.30A	
			17:45	0%	27	27	9V 1.31A	
			18:45	59%	29	37.8	9V 0.89A	
			19:49	100%	29.9	36.8	9V 0.32A	
5	ipone6+	Power on						
			14:53	0%	27	27	9V 1.27A	
			15:55	42%	27.3	36.2	9V 0.33A	
			16:53	76%	27.2	36.8	9V 0.79A	
6	ipone7	Power on	17:40	100%	27.2	34.6	9V 0.31A	
			13:37	0%	27.4	27.4	9V 0.49A	
			14:37	35%	28.3	35.2	9V 0.51A	
			15:37	80%	28	35.6	9V 0.51A	
			16:32	100%	27.6	35.8	9V 0.28A	

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SPECIFICATION FOR APPROVAL

客户承认书

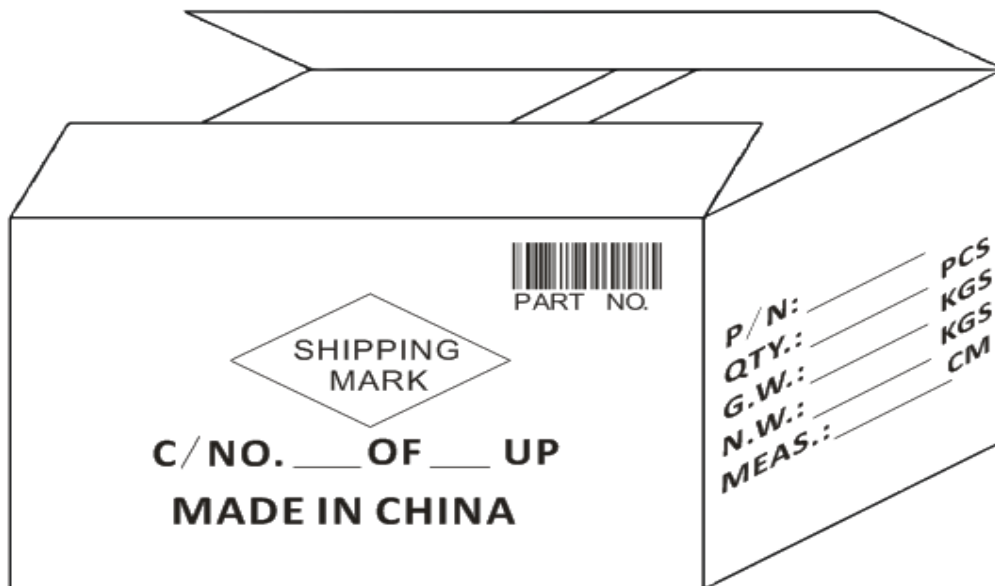
GPN No. : **KC1010-171075**

Model No. 型号: **KRE-Q02**

REV 版本: 01

Design No. 设计流水号: **180521-000001-171075**

12. Outer Carton Packing Information /包装示意图



Material	Measurement (LxWxH)	Q'ty (pcs)	Shipping Mark	G.Part No. On Carton
K=K	42x26x23cm	48	KRECO	KRE-Q02

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13. Certificates /认证证书



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	黄秀红	吴静雯	王苑