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原材料 机乐堂 JR-W020 20WMini磁吸无线充移动电源10000mAh--说明书 (中英文版)

尺寸: 70x90mm

材质：128g铜版纸+正反单色印刷+风琴折

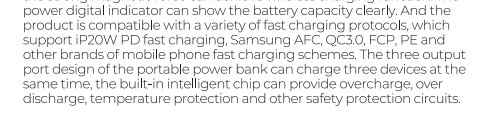
JOYROOM

User Manual

20W Mini Magnetic Wireless Power Bank

■ Product introduction

This power bank can provide wired charging or wireless charging function for mobile phones, tablets, ebook readers, game machines and other products. Equipped with wireless and wired 2-in-1 charging design, the strong magnetic force can achieve wireless charging function. The power digital indicator can show the battery capacity clearly. And the product is compatible with a variety of fast charging protocols, which support IP20W PD fast charging, Samsung AFC, QC3.0, FCP, PE and other brands of mobile phone fast charging schemes. The three output port design of the portable power bank can charge three devices at the same time, the built-in intelligent chip can provide overcharge, over discharge, temperature protection and other safety protection circuits.



■ Specification

Model	JR-W020
Name	20W Mini Magnetic Wireless Power Bank
Battery capacity	10000mAh 3.85V(38.5Wh)
Energy conversion rate	>65%
Wireless output	7.5W, 10W, 15W(Max)
Type-C input	5V≧2.4A 9V≧2A
Type-C output	5V≧2.4A 9V≧2.22A 12V≧1.67A
USB output	5V≧3A 9V≧2A 12V≧1.5A
Total output(USB+Type-C)	5V≧3A(Max)
Size	110*75*29mm(L*W*H)
Material	ABS+PC fireproof material

■ Packing list


Power bank x1


Charging cable x1


Flannellet bag x1


Manual & Warranty card x1

■ Instructions

1. Viewing the battery power:

Press the power button once to turn the power output function on to check the remaining power of the power bank. The digital display screen will automatically turn off after about 30 seconds.

100 %

● ● ● ●

75 %

● ● ● ●

50 %

● ● ● ●

25 %

● ● ● ●

2. Charging the power bank:

Connect the correct charging cable with the relative port to the power bank, the power indicator flashes to show the current power capacity, which means that it can connect normally and start to charge the power bank. While it may fail to connect it and charging it if there is no light of the indicator. Please check whether the charging cable is connected normally.

3. Operation instructions of wired charging and outputting function:

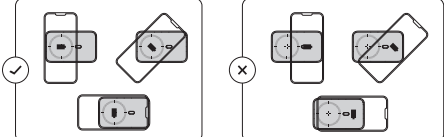
Connect the USB charging cable to the corresponding output port of the Power bank, and the Power bank will automatically turn the output function on. Due to compatibility problems of some smart phones, it is normally needed to press the power button to turn the power output function on. Press the power button once to turn it on to charge the device and the output function will wait for operation for about 30 seconds. Otherwise, the power output will be automatically turned off if there is no external load in 30 seconds.

4. Operating instructions for wireless charging and output function:

Press the power button once to turn it on, and the digital indicator screen lights up. Then, the power bank will charge the mobile phone directly that supports wireless charging function within 30 seconds.

5. Wireless charging tips:

Put the wireless charging mobile phone on the wireless charging area of the power bank (the wireless charging area as shown in the figure). Please keep the wireless charging distance of the mobile phone within the wireless charging range of the power bank.



6. Charging the power bank

Please charge the power bank with the Type-C charging cable.

7. Charging mobile phones or other digital devices with this product:

① Check whether the charging voltage of the digital product matches the output voltage of the product;
② Connected the digital product and the output port of the power bank with the original cable of the digital product. The power bank will automatically turn on to charge the mobile phone or other digital products, and the digital screen will keep on.
③ Put the mobile phone with wireless charging function into the wireless charging area of the power bank and the LED indicator light will light up while charging the mobile phone. And the indicator light will always light up.

■ Warm prompt

Please read all instructions and warnings before using this product. Non-standard operation will damage the product or personal safety.

1. Please keep the charging contact surface(back area of the mobile phone) away from the metal substances, such as iron sheet, ring, metal protective shell, etc.

2. Please try to cool the mobile phone, remove the protective sleeve, and then align the phone with the normal wireless coil position of the power bank if there is an intermittent charging/discharging or burning and heating condition. It is likely that the wireless charging area of the mobile phone is not fully aligned with the wireless charging coil of the power bank or there is a metal foreign object in the protective phone case.

3. This product has an overcurrent protection function. The product will turn off or reduce the output power, reduce the charging speed to ensure safety if there is a misuse. Please check whether there is a misuse operation or not used improperly.

4. Do not put the product in water, fire, medium high temperature environment (greater than 45degrees) and low temperature environment (less than - 20 degrees). Please keep it away from children, especially keep the children from contacting the accessories.

5. Please charge the power bank with a battery adapter that meets the input specifications of this power bank to ensure the normal use of this product.

6. Please stop using it immediately if there is a battery expansion, liquid leakage, deformation, water immersion or short circuit failure.

7. Please charge the product at least every 5 months to keep the better performance of the power bank if it is not used for a long time.

8. Please stop using the electrical appliances or loads that exceed the output current of this product.

9. This product may generate heat during wireless charging function is working. It is the normal sensible temperature about 50-60°C for wireless charging under full load operation(it feels hot when touching it, but the hand can touch it for more than 30 seconds). Otherwise, if there is abnormal heating condition(it feels too hot to touch it instantly for 5 seconds), please contact the customer service immediately.

Instruction of after-sale services

- Consulting services: Please read through this user manual before using the product and keep the manual for future use.
- Guarantee replacement: the company undertakes that if there is any quality problem within 7 days from the date of sale, the customer can choose to return the product for replacement and provide maintenance service for you (Provide the appearance is in good condition). But please keep the product, accessories and package in good condition.
- Warranty service: if there is quality problem caused by impersonal factors in warranty period, we can provide free maintenance service for you (one-year free warranty service only, or we will charge it for repairing caused by human damage).
- Maintenance bill: if there is quality problem caused by personal factors within one to three years from the date of purchase, it can be charged for maintenance service. Users need to pay for the components, transportation and labor costs if they need repair.

5. Warranty exceptions(Paid service items):

- Exceed the warranty service time;
- Alter the warranty certificate, or the serial number is inconsistent with the product itself;
- Product damage caused by accidental factors or human factors (e.g. failure to operate, maintain or keep the product according to the user's manual, failure caused by incorrect installation; install the inappropriate power supply; water intrusion, damage, etc.);
- No valid warrant and invoice (except those that can prove that the product is within the service period);
- Caused by force majeure, such as earthquake, fire, flood, lightning strike, etc.
- Damage caused by dismantling, repairing, refitting by others without permission.

Warranty Card

No.:	
Date of purchase:	
Customer:	
Dealer:	
Name:	Address:
Telephone:	
Batch number:	

Statement of toxic and hazardous substances in electronic information products

Part name	Toxic and Hazardous Substances or Elements						
	Pb	Hg	Cd	Cr(VI)	PBB	PDE	
Battery	x	o	o	o	o	o	o
PCB	x	o	o	o	o	o	o

This form is prepared in accordance with SJ/T 11364

O: Indicates that this hazardous substance contained in all homogeneous materials of this part is below the limit requirement in GB/T 26572 standard.

X: Indicates that this hazardous substance contained in at least one of the homogeneous materials of this part is above the limit requirement in GB/T 26572 standard. And there is no mature alternative solutions in the industry to meet the EU environmental protection requirements of RoHS.

JOYROOM

使用说明
20W Mini磁吸无线充电移动电源

■ 产品介绍

本产品是一款能为手机、平板、电子书阅读器、游戏机等产品提供有线充电或无线充电的移动电源，产品具有有线充电和无线充电二合一充电功能，强磁力磁吸、电量指示灯设计、兼容多种快充协议，支持IP20W PD快充、三星AFC、QC3.0、FCP、PE等多种品牌手机快充协议，三输出的便携式移动电源可同时为3台设备充电，产品内置智能芯片，具有过充、过放、温度保护等多种安全保护电路。

■ 规格参数

型号	JR-W020
名称	20W Mini磁吸无线充电移动电源
锂电池容量	10000mAh 3.85V (38.5Wh)
能量转换率	≥65%
无线输出	7.5W 10W 15W(Max)
Type-C输入	5V=2.4A 9V=2A
Type-C输出	5V=2.4A 9V=2.22A 12V=1.67A
USB输出	5V=3A 9V=2A 12V=1.5A
USB+Type-C总输出	5V=3A(Max)
产品尺寸	110.7*67.7*19.8mm
产品材质	ABS+PC防火材料

■ 包装清单

■ 使用说明

1.查看电量时：
按键1次启动电源输出功能，可查看电源剩余电量，电量显示屏亮起约30秒后会自动熄灭。

100 %	● ● ● ●
75 %	● ● ●
50 %	● ● ●
25 %	● ● ●

2.为移动电源充电时：
接入匹配移动电源接口的充电线时，电量指示灯闪烁亮起，可显示当前电源电量，此时代表连接正常，并开始为电源充电。如连接充电线后电量指示灯未亮起，代表连接失败，此时无法充电，请检查充电线连接是否正常。

3.有线输出操作说明：
使用USB充电线连接本产品电源输出端口，电源将自动开启输出。个别智能手机因兼容性问題，需要按键开启电源输出功能，这属于正常现象。按开关键1次可为外接设备供电，按键1次电源输出功能会持续30秒，30秒内无外接负载，则自动关闭电源输出。

4.无线输出操作说明：
按键1次电源数字指示灯亮起，此时30秒内将支持无线充电的手机充电，将手机放置无线充电区域即可为手机无线充电，如30秒内无线充电接入，产品则会自动关闭无线充电功能。

5.无线充电温馨提示说明：
将无线充电手机放置在本产品无线充电区域（无线充电线圈发射区域见图所示）进行无线充电，请调整手机无线红点充电距离在无线充电范围内。

6.为本产品充电：
可使用Type-C充电线，插入本无线移动电源充电。

7.用本产品为手机或其它数码设备充电：

- ① 检查数码产品的充电电压是否与本产品输出电压匹配；
- ② 选择数码产品原装充电线，一端与数码产品连接，另一端与本产品的输出口连接，本产品有线输出端将自动开启给手机或者其它数码产品充电，数字屏幕常亮
- ③ 给带无线功能的手机充电，将手机置于无线充电区，按键一次，电量指示灯亮起，此时可为手机充电，指示灯常亮。

■ 温馨提示
在使用本产品前请阅读所有的指示和警告，不规范使用将会给产品或人身安全带来损坏。

- 1、手机背面充电接触面不能带金属物质，如铁片、指甲、金属保护壳等。
- 2、在为手机进行充电时，如发现有断续充放电或者发热发烫的情况，很可能是因为手机接触圈与无线充电圈没有完全对准，手机保护壳内有金属异物，请尝试冷却手机，拿掉保护套再进行正常位置对准
- 3、本产品有过流保护功能，如使用不当产品会关闭或缩小输出功率，降低充电速度，确保安全，请检查设备是否操作不当或存有其他不当使用行为。
- 4、请勿将产品置于水中、火中或高温环境（大于45度）和低温环境（低于-20度），勿给孩童玩耍，尤其是让孩童误触配件。
- 5、为了保证本产品正常使用，请使用符合本产品输出规格的电池适配器。
- 6、若产品出现电源膨胀、漏液、变形、浸水或者短路的情况，请立即停止使用。
- 7、移动电源若长时间不使用可能会出现放电，为了不影响本产品性能，避免使用超出本产品输出电流的用电器或负载
- 8、避免使用超过本产品输出电流的用电器或负载
- 9、本产品使用无线充电期间会产生发热现象，体表温度在50-60℃区间（摸上去觉得发热，但手还能持续握（30秒以上）时），是无线充电功能下正常工作负荷的正常温度，在安全范围。若出现异常发热情况（手触摸产品就烫，接触5秒内必须要放手），请立即联系客服。

售后服务条例：

- 1. 咨询服务：用户在使用产品前，请仔细阅读本产品的使用说明书
- 2. 包换服务：包换期内(自购机之日起七日内)，正常使用出现非人为故障，请保持产品，配件和包装的完整(若外观不损坏、做保修处理)经检查确认故障后，可选择换货或维修，用户可到当地授权经销商处联系并处理。
- 3. 保修服务：保修期内，正常使用出现的非人为故障，均可享受免费保修服务(主机一年内免费保修，若人为损坏，做收费维修处理)。
- 4. 收费维修服务：产品自购机之日起一年到三年内，出现故障可收费维修，用户需支付维修所产生的元器件费、运费及人工费。

5.以下情况不在三包范围内，本公司提供有偿服务

- ① 超过三包期限
- ② 涂改三包凭证，或序列号与产品本身不符
- ③ 意外因素或人为导致的产品损坏(如：未按使用说明操作、维护或保管、安装错误造成的故障，接入不合适的电源、进、掉环等)
- ④ 无效三包凭证和有效发票(能证明产品属售后服务期者除外)。
- ⑤ 因不可抗力如地震、火灾、水灾、雷击等导致的产品故障或损坏
- ⑥ 未经本公司许可，擅自拆卸、修理或改装。

关于售后服务的说明

- 1.购机日期以本凭证或购机发票为准，不能提供有效证明的，以生产日期为准。
- 2.外壳，说明书包装不在保修服务范围内。
- 3.已停产机型，本公司仅做功能性能修复。
- 4.经协商向您做出的非本公司保证的承诺，本公司不承担任何责任。
- 5.为了维护您的权益，请您认真填写，并妥善保管，作为维修时的认证。

产品保修卡

型号：	
购买日期：	
用户：	
购买商号：	
姓名：	地址：
电话：	
生产日期：	

产品中有害物质的名称及含量

部件名称	有毒有害物质或元素					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
电池	X	○	○	○	○	○
PCB	X	○	○	○	○	○

本表格依据SJ/T 11364的规定编制

GB:表示该有害物质在该部件所有均质材料中的含量均在GB/T 26572 标准规定的限量要求以下

X:表示该有害物质至少在该部件的某一均质材料中的含量超出GB/T 26572规定的限量要求，且目前业界没有成熟的替代方案,符合欧盟RoHS指令环保要求

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The device has been evaluated to meet general RF exposure requirement.