

# **PB20 Air**

5000mAh Power Bank

User Manual



## Design Philosophy

In the fast-paced modern life, everyone wants to travel light and unencumbered. However, in the course of our daily use of electronic devices, we often encounter the problem of insufficient power, especially when we are out and about, finding a charging source becomes a considerable trouble. Faced with such a pain point, we realized that an ideal charger should not only have a strong charging ability, but also be thin and light enough to carry around.

## Design Highlights

- **Slim and portable:** The ultra-slim PB20 Air power bank is light enough to fit easily into a purse, pocket, or handbag, so you can enjoy convenient charging anywhere, anytime.
- **Lanyard function:** With the original lanyard design, you can use the data cable as a lanyard when not in use and hang it on your backpack or wrist for easy carrying. When you need to use it, you can take it off and use it as a data cable at any time.
- **APP function:** Manage your mobile power through the dedicated APP, remotely check the remaining power and charging status, everything is under control.
- **Positioning function:** Built-in buzzer, even if you accidentally lose your mobile power, use the seek function to activate the buzzer and find your phone easily.
- **Battery optimization:** To slow down the aging of the battery, when the rechargeable battery has not been used for more than 7 days, the power will be automatically reduced to less than 80%.
- **Comfort Mode:** Control the charging temperature not more than 36 degrees, ensuring safe and comfortable use.
- **Excellent craftsmanship:** The all-aluminum CNC body with multiple chamfered cutouts is not only beautiful and durable but also comfortable to the touch.
- **Visual impairment friendly:** Built-in buzzer, touch the switch to automatically announce the power level, making it easy for everyone to use.

**"A true blade is not only in its sharpness,  
but in how it finds the perfect balance between lightness and toughness."**

**Thank you for purchasing ISDT PB20 Air power bank.**

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## **Warnings and Safety**

**To ensure the charging safety while offer better use experience, we insist that you should read these terms through before using the product.**

- Do not hit hard or put heavy pressure on this product and avoid serious drop or strong vibration of it.
- It is strictly forbidden to put this product into water or heat source, and make sure that the adapter stay far away from damp, rain and heat.
- When this product is deformed, swelled, leaked, and its durability is significantly reduced, please stop using this product and dispose of it properly.
- When the weather is hot, do not leave this product in an outdoor unsupervised car or in other places exposed to the sun.
- Consumers who use power adapters for power supply should purchase and use power adapters that are certified in accordance with the relevant regulations and meet the requirements of the standards.

## **Specifications**

Model: PB20C1

Battery type: Li-ion Polymer Battery

Cell capacity (rated/typical): 5000mAh/5030mAh

Cell energy (rated/typical): 19.25Wh/19.36Wh 3.85V

Rated capacity: 3100mAh (5V/2A)

Input specification: 5V/3A; 9V/2A

Output specifications: 5V/3A; 9V/2.4A; 12V/1.8A; PPS 5~11V/2.2A

Operating temperature: 0-40° C

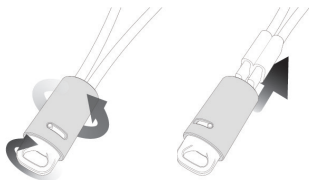
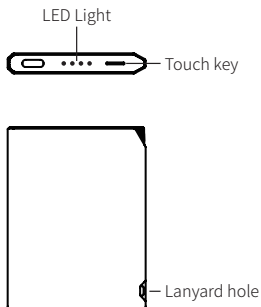
Cue tone: Support

APP connection: Support

Product size: 78.5x60x9.6mm

Product weight: 95g (±10%)

## Product Schematic



Turn the case clockwise  
Remove cable by unlocking the carabiner

## Light Indication

When charging the mobile power, the LED light blinks and the indication are as follows:

0%-25%	● ○ ○ ○
26%-50%	● ● ○ ○
51%-84%	● ● ● ○
85%-99%	● ● ● ●
100%	● ● ● ●
Battery care 80%	● ● ● ○

\*When charging the mobile power, the faster the charging rate, the faster the LED light flashes.

When discharging the mobile power, the LED blinks and the indications are as follows:

Undervoltage	○ ○ ○ ○
1%-25%	● ○ ○ ○
26%-50%	● ● ○ ○
51%-84%	● ● ● ○
85%-100%	● ● ● ●

When touching the switch, the LED display situation and the indication are as follows:

Undervoltage	● ○ ○ ○
1%-25%	● ○ ○ ○
26%-50%	● ● ○ ○
51%-84%	● ● ● ○
85%-100%	● ● ● ●

## **Basic operation**

- This product body only has a LED light at a touch switch to view the machine's current power level, a quick double-click on the touch switch to turn off the power LED light, and no other physical or touch keys.
- Connect to Polying APP to view the real-time charging/discharging power, rename your device, or set the battery optimization mode, beep, end of charging off indicator light and other functions on or off.
- This device is equipped with a buzzer, touch the switch to automatically announce the power level; use the seek function to activate the buzzer, easy to find the machine.
- After turning on the seek function, you can end the seek by clicking the touch switch.
- With Battery Optimization turned on, when the mobile power is not used for more than 7 days, the power will be automatically reduced to less than 80% to slow down battery aging.
- When updating the firmware, the LED light indicates a marquee.

## **Download and install the Polying APP**

- Download from official website: Mobile devices can download and install the software from [www.isdt.co](http://www.isdt.co) in the interface of "Technical Support-Application Software".
- Scanning Code Download: Mobile devices can directly scan the corresponding QR code on the last page, download and install according to the prompts.
- Click the "+" in the upper right corner of the APP and add devices according to the prompts to start using.

## **Product List**

- PB20 Air Power bank
- PowerGo data cable lanyard clip
- Dual Type-C cable
- Metal buckle
- Lanyard

# PB20 Air

5000mAh 移动电源

用 户 手 册

 LIMETA

## 设计理念

在快节奏的现代生活中，每个人都希望能够轻装上阵，不受束缚。然而，在日常使用电子设备的过程中，我们经常遇到电量不足的问题，特别是在外出时，寻找充电源成了一个不小的麻烦。面对这样的痛点，我们意识到，一款理想的移动电源应该不仅具备强大的充电能力，还要足够轻薄，便于随身携带。

## 设计亮点

- **轻薄便携：**超薄 PB20 Air 移动电源轻巧得足以轻松放入钱包、口袋或手提包中，无论是在商务旅行中还是日常生活中，都能随时随地享受到便捷的充电服务。
- **挂绳功能：**独创的数据线挂绳设计，不使用时可以把数据线当作挂绳，挂在背包或手腕上方便携带。需要使用时随时取下当作数据线使用，再也不怕忘带数据线的尴尬。
- **APP 智控：**通过专用 APP 管理移动电源，远程查看剩余电量和充电状态，一切尽在掌握。
- **寻机功能：**内置蜂鸣器，即使不小心遗失了移动电源，使用寻机功能激活蜂鸣器，轻松寻机。
- **电池优化：**为减缓电池老化，当充电宝超过 7 天未使用时，电量将自动减少到 80% 以下。
- **舒适模式：**控制充电温度不超过 36 度，确保在充电过程中不会感到过热，使用更加安全舒适。
- **精湛工艺：**全铝 CNC 机身，多个倒角切面，不仅美观耐用，而且手感舒适，彰显高品质，让您在使用时也能感受到满满的质感。
- **视障友好：**内置蜂鸣器，触摸开关即可自动播报电量，让每个人都能轻松使用。



“真正的刀锋不仅在于它的锋利，更在于它如何在轻薄与坚韧之间找到完美的平衡。”

感谢您购买 ISDT PB20 Air 移动电源。

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## ⚠ 警告与安全提示

为保证您的安全与良好的用户体验，  
请在使用本产品前仔细阅读本说明和警告，并妥善保管。

- 请勿撞击，重压本产品并避免本产品发生严重跌落或强烈震动。
- 严禁将本产品投入水中或热源，避免接触高温以及潮湿环境，以免发生意外。
- 本产品出现变形，鼓胀，漏液，使用时间明显下降等情况时，请停止使用本产品并妥善处置。
- 天气炎热时，请勿将本产品置于室外无人的车内或其他被阳光暴晒的场景里。
- 消费者若使用电源适配器供电，则应购买配套使用获得 CCC 认证并满足标准要求的电源适配器。

## 📏 产品规格

产品型号：PB20C1

电芯类型：锂聚合物可充电电池

电芯容量（额定 / 典型）：5000mAh/5030mAh

电芯能量（额定 / 典型）：19.25Wh/19.36Wh 3.85V

额定容量：3100mAh (5V/2A)

输入规格：5V/3A；9V/2A；

输出规格：5V/3A；9V/2.4A；12V/1.8A；PPS 5~11V/2.2A

工作温度：0-40° C

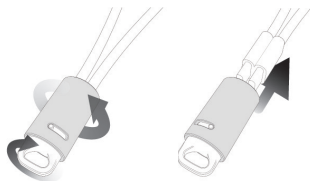
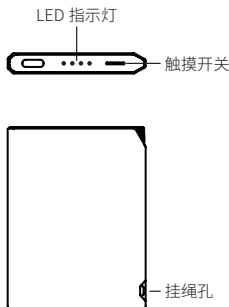
蜂鸣器：支持

App 连接：支持

产品尺寸：78.5x60x9.6mm

产品重量：95g（±10%）

## 产品示意图



## 灯光指示

为移动电源充电时，  
LED 灯光闪烁情况以及指示内容如下：

0%-25%	● ○ ○ ○
26%-50%	● ● ○ ○
51%-84%	● ● ● ○
85%-99%	● ● ● ●
100%	● ● ● ●
保养模式 80%	● ● ● ○

\* 为移动电源充电时，充电速率越快，  
LED 灯闪烁速度越快。

当移动电源放电时，  
LED 呼吸灯变化情况以及指示内容如下：

欠压	○ ○ ○ ○
1%-25%	● ○ ○ ○
26%-50%	● ● ○ ○
51%-84%	● ● ● ○
85%-100%	● ● ● ●

当触摸移动电源开关时，  
LED 灯光显示情况以及指示内容如下：

欠压	● ○ ○ ○
1%-25%	● ○ ○ ○
26%-50%	● ● ○ ○
51%-84%	● ● ● ○
85%-100%	● ● ● ●

## 基础操作

- 本产品机身仅有 LED 灯处一个触摸开关，用以查看机器当前电量，其他再无任何实体或触摸键位。
- 连接手机驳应 APP 可查看实时充 / 放电功率，重命名您的设备，或设置电池优化模式，提示音，充电结束熄灭指示灯等功能的开启与否。
- 本设备配备蜂鸣器，触摸开关即可自动播报电量；使用寻机功能激活蜂鸣器，轻松寻机。
- 开启寻机功能后，可通过单击触控开关结束寻机。
- 开启电池优化后，当移动电源超过 7 天未使用时，电量将自动减少到 80% 以下，以减缓电池老化。
- 更新固件时，LED 灯指示为跑马灯。

## 下载并安装驳应 APP

- 官网下载：移动设备登录官方网站 [www.isdt.co](http://www.isdt.co)，在“技术支持—应用软件”界面下载并安装。
- 扫码下载：移动设备直接扫描尾页对应二维码，根据提示下载并安装。
- 通过点击 APP 右上角的“+”根据提示添加设备即可开始使用。

## 产品清单

- PB20 Air 移动电源
- PowerGo 数据线挂绳扣
- 双 Type-C 数据线
- 金属扣
- 挂绳