

connect **IT**®

POWER BANK 2×USB 10400 mAh



USER MANUAL

1 Features

- Compatible with most mobile telephones and digital devices
- USB port
- LED battery status indicator



1. battery status
2. button
3. output 1
4. output 2
5. microUSB port

Technical specifications:

- Battery type: Lithium-ion (Samsung battery)
- Capacity: 10400 mAh
- Included is a micro-USB cable (25 cm)
- micro-USB port: DC 5.0V/1A
- USB output: DC5.0V/2A DC5.0V/1A
- Dimensions: 114×68×21.5 mm
- Weight: 240 g

2 Anleitung

1. **To display battery status briefly press the button (2 in the Figure):**

| | |
|----------|------------------------------|
| 5–25 % | one diode is illuminated |
| 25–50 % | two diodes are illuminated |
| 50–75 % | three diodes are illuminated |
| 75–100 % | four diodes are illuminated |

2. **Upon connecting a device to the power bank it will automatically begin to charge.**
3. **Once charging has terminated, disconnect the device.**
4. **For charging of the power bank**, use a microUSB cable (port 5 in the Figure). A 5V AC/DC USB adaptor or USB computer port may be used for charging. The diodes will continue flash until the device is charged. Once it is fully charged, the lights will remain illuminated until the energy source is disconnected.
5. The power bank has two outputs **to charge a mobile phone or other device**.
Output 1: Supports most mobile devices (5V). Supports Apple devices (use original cables for charging).
Output 2: Supports most 2.1A devices.

NOTE: The power bank surface warms up during charging. Therefore, do not cover it when being used, do not subject it to excessive heat or cold and avoid dropping or shocking the unit.

Important Information about Power Banks

Capacity

Energy transfer from one accumulator to another cannot take place on a lossless basis. If your phone has a battery with a capacity of 2500 mAh, this, unfortunately, does not mean that a 5000 mAh power bank will charge the phone two times. The calculation is subject to a number of factors.

Power bank batteries have an internal voltage of 3.7 V, while a standard USB output has 5V. In such a transfer, there is a loss of approximately 10 – 20%. The battery inside the phone usually works with voltage ranging from 3.7 – 3.8 V. In this case, then, a conversion takes place from 5 V to 3.7/3.8 V. After discounting the loss from the voltage transfer, the device being charged can make use of approximately 65% of the energy stored in the power bank.

For the reasons above, when selecting a power bank, the loss resulting from charging must be taken into account and a power bank with a high battery capacity should be chosen.

How to Make Best Use of a Power Bank?

- To make maximum use of the energy stored, charge your device before it runs out of power.
- Use a power bank whose output current is at least 2 A.
- Do not subject the power bank to direct sun and high temperatures. The ideal temperature ranges from 0 up to 25° C.
- Charging can be negatively impacted by using a poor quality cable.
- Before long-term storage, charge the power bank to approximately 50%; you will extend its life.
- Store it in a dark, dry location with a temperature ranging from 0 to 20° C.
- If the device being charged is turned on during the charging process, energy is concurrently consumed. That is why all energy demanding functions (Wi-Fi, video, games, etc.) should be turned off for speedy charging.