

Operating instructions

Portable charger 8000 S

Model no. 1002BTF

Item no. 1002BTF

Intended use

The product serves as a spare battery for mobile devices (for example, smartphone, tablet) with 5 V/DC voltage. The portable charger has two USB-A outputs that can be used to charge suitable devices. To charge the portable charger, a USB charger (not included) is required. The included Micro USB charging cable can be used to charge the internal battery. The product has a battery level indicator and is protected against overcharging and short circuit.

It is intended for indoor use only. Do not use it outdoors. Contact with moisture, e.g. in bathrooms, must be avoided under all circumstances.

For safety and approval purposes, you must not rebuild and/or modify this product. If you use the product for purposes other than those described above, the product may be damaged. In addition, improper use can cause hazards such as short circuiting, fire, electric shock etc. Read the instructions carefully and keep them. Make this product available to third parties only together with its operating instructions.

This product complies with the statutory national and European requirements. All company names and product names are trademarks of their respective owners. All rights reserved.

Delivery content

- Portable charger
- USB charging cable (Micro USB to USB-A)
- Operating instructions



Latest operating instructions

Download the latest operating instructions via the link www.conrad.com/downloads or scan the QR code shown. Follow the instructions on the website.

Explanation of symbols



The lightning symbol inside a triangle is used when there is a potential risk of personal injury, such as electric shock.



An exclamation mark in a triangle indicates important instructions in this operating manual that absolutely have to be observed.



The arrow symbol indicates specific tips and advice on operation.

Safety instructions



Read the operating instructions carefully and especially observe the safety information. If you do not follow the safety instructions and information on proper handling in this manual, we assume no liability for any resulting personal injury or damage to property. Such cases will invalidate the warranty/guarantee.



a) General

- The device is not a toy. Keep it out of the reach of children and pets.
- Do not leave packaging material lying around carelessly. This may become dangerous playing material for children.
- Protect the product from extreme temperatures, direct sunlight, strong jolts, high humidity, moisture, flammable gases, vapours and solvents.
- Do not place the product under any mechanical stress.
- If it is no longer possible to operate the product safely, take it out of operation and protect it from any accidental use. Safe operation can no longer be guaranteed if the product:
 - is visibly damaged,
 - is no longer working properly,
 - has been stored for extended periods in poor ambient conditions or
 - has been subjected to any serious transport-related stresses.
- Please handle the product carefully. Jolts, impacts or a fall even from a low height can damage the product.
- Also observe the safety and operating instructions of any other devices which are connected to the product.
- When setting up the product, make sure that the cable is not pinched, kinked or damaged by sharp edges.
- Always lay the cables so that nobody can trip over or become entangled in them. This poses a risk of injury.



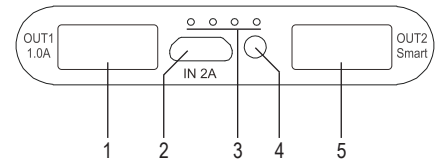
- Never use the product immediately after it has been brought from a cold room into a warm one. The condensation generated could destroy the product. Allow the device to reach room temperature before connecting and using it. This may take several hours.
- Never operate the product unattended.
- The housing heats up during operation. Ensure sufficient ventilation. The housing must not be covered!
- Do not short-circuit the USB connectors.
- Do not charge the product from a USB port of a computer or other products since the power provided is insufficient. This can cause damage to the connected product.
- Consult an expert when in doubt about operation, safety or connection of the device.
- Maintenance, modifications and repairs are to be performed exclusively by an expert or at a qualified shop.
- If you have questions which remain unanswered by these operating instructions, contact our technical support service or other technical personnel.

b) Rechargeable batteries

- The rechargeable battery is permanently built into the product and cannot be replaced.
- Never damage the rechargeable battery. Damaging the casing of the rechargeable battery might cause an explosion or a fire! Unlike conventional batteries/rechargeable batteries (e.g. AA or AAA type), the casing of the LiPo rechargeable battery does not consist of a thin sheet but rather a sensitive plastic film only.
- Never short-circuit the contacts of the rechargeable battery. Do not throw the battery or the product into fire. There is a danger of fire and explosion!
- Charge the rechargeable battery regularly, even if you do are not using the product. Due to the rechargeable battery technology being used, you do not need to discharge the rechargeable battery first.
- Never charge the rechargeable battery of the product unattended.
- When charging, place the product on a surface that is not heat-sensitive. It is normal that a certain amount of heat is generated during charging.

Operating elements

- 1 USB-A output **OUT1 1.0 A**
- 2 Micro USB input **IN 2 A**
- 3 Battery level indicator
- 4 Function button
- 5 USB-A output **OUT2 Smart**



Operation



- Check the internal battery charge level before each use. Make sure the connection values of your mobile device match those of the product (see technical data). The USB cable is not suitable for data transfer. Remove any protective films from the product.

a) LED indicator of the battery charge level

Press the function button (4) to check the battery level. The remaining capacity on the battery level indicator (3) is indicated by the lit LEDs as follows:

- | | |
|--------|--------------------------------|
| 1 LED | Remaining capacity up to 25 % |
| 2 LEDs | Remaining capacity up to 50 % |
| 3 LEDs | Remaining capacity up to 75 % |
| 4 LEDs | Remaining capacity up to 100 % |

The LED that indicates the current battery level flashes while charging.

b) Charging the battery

- When using for the first time, it is recommended to fully charge the portable charger once.
- Charge the portable charger at the latest when only one LED lights up and/or the battery level falls below 25 %.
- To charge the portable charger, a USB charger (not included) is required. A USB charging cable (Micro USB to USB-A) is included. Connect the Micro USB connector to the Micro USB input **IN 2 A** (2). Connect the USB-A connector of the USB charging cable to a USB-A port of a USB charger (not included). Observe the technical data.
- A USB charger with 2 A is recommended for the portable charger input current. If a lower input current is used, charging will take longer. However, a higher input current than 2 A (Micro USB) will not reduce the charging time since the input current is limited.
- The charging time of the portable charger can be up to approx. 5 - 5.5 hours with a 2 A USB charger via the Micro USB input with a remaining battery capacity of approx. 20 %. While charging, the current battery level will be indicated by the corresponding flashing LED.
- Once the battery is fully charged, the battery level indicator LEDs will be lit steadily.
- Disconnect the connected cables.

c) Charging a mobile device



Never charge the portable charger while charging mobile devices from the USB outputs.

- Thanks to the integrated circuit (Smart IC), the portable charger recognises the required maximum charging current of the connected product at the USB-A output **OUT2 Smart (5)**.
- Plug the USB-A connector of the USB charging cable into the USB-A output **OUT1 1.0 A (1)** or the USB-A output **OUT2 Smart (2)**.



The maximum charging current (2.3 A) is distributed to the USB outputs when both outputs are used. Therefore, take note of the amount of charging current required by your mobile device.

- Connect the Micro USB connector to your mobile device.
- While charging, the battery level of the portable charger will be indicated by the corresponding flashing LED.
- Disconnect the USB charging cable from the portable charger and the connected product to stop or interrupt charging. As soon as charging of the connected mobile device has been completed or the USB charging cable has been disconnected, the battery level indicator LED will go off.

Care and cleaning

- Disconnect the product from connected products and from the power supply before every cleaning.
- Do not use any aggressive cleaning agents, rubbing alcohol or other chemical solutions as they can cause damage to the housing and malfunctioning.
- Clean the product with a dry, fibre-free cloth.
- When cleaning, be sure to avoid contact with water or other liquids.

Disposal



Electronic devices are recyclable waste and must not be disposed of in the household waste. At the end of its service life, dispose of the product according to the relevant statutory regulations.

You thus fulfil your statutory obligations and contribute to the protection of the environment.

Technical data

Input voltage/current.....	Micro USB input 5 V/DC, 2 A
Output voltage/current.....	USB-A output OUT1 5 V/DC, 1 A USB-A output OUT2 5 V/DC, 2 A Both USB outputs combined max. 2.3 A
Internal battery.....	lithium polymer (Li-Po) / 8000 mAh
Operating conditions.....	0 to +40 °C, 20 - 90 % RH
Storage conditions.....	-10 to +55 °C, 20 - 90 % RH
Dimensions (L x W x H).....	142 x 57 x 11.5 mm
Weight	186 g

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