



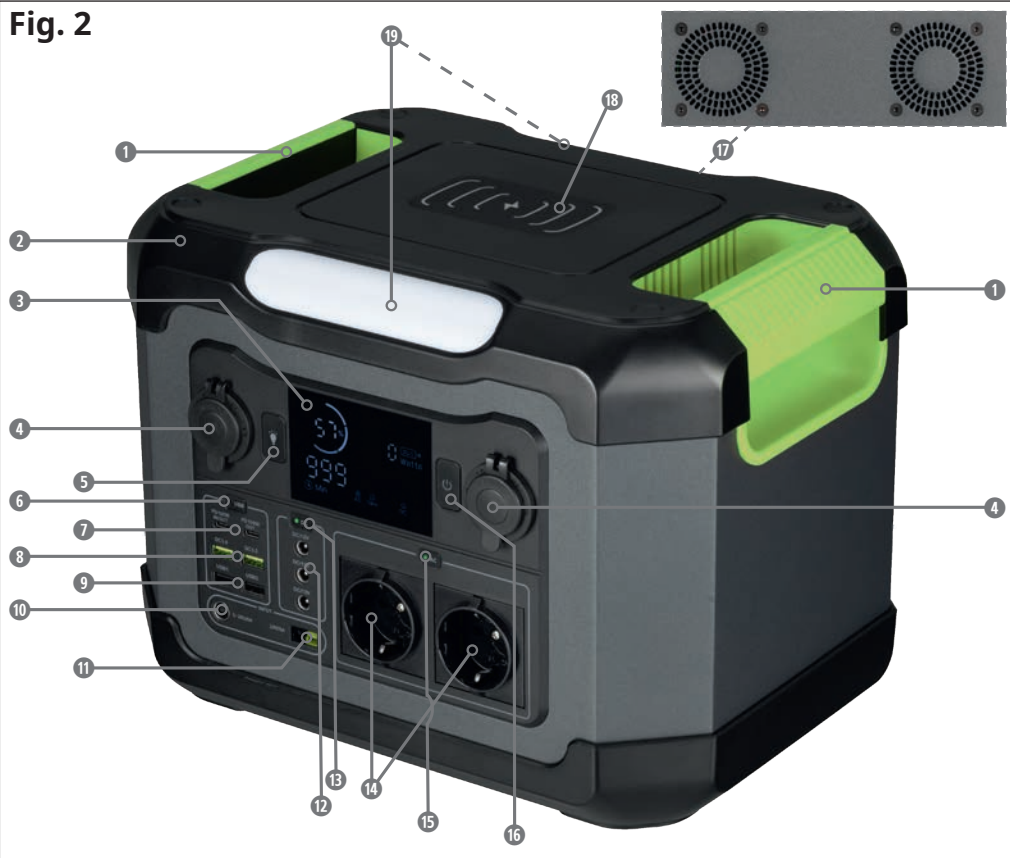
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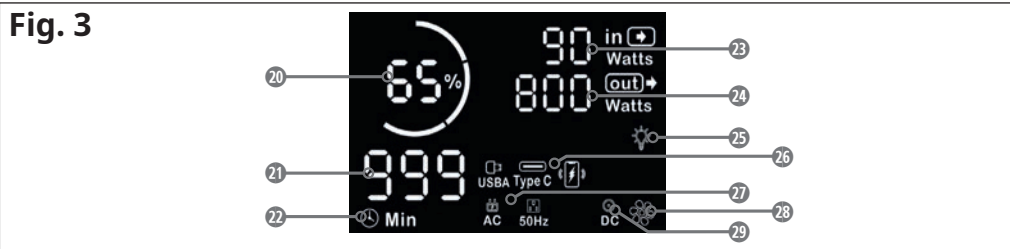
**Fig. 1**



**Fig. 2**



**Fig. 3**





## GENERAL SAFETY INFORMATION

- This device contains electronic parts that are powered by a power source (power adapter). Never leave children unattended when handling the device! Only use the device as described in the instructions, otherwise there is a RISK of an ELECTRIC SHOCK!
- Children may only use the device under supervision. Keep packaging materials (plastic bags, rubber bands, etc.) away from children! CHOKING HAZARD!
- Do not short-circuit the device or batteries or throw them into open flames! Excessive heat and improper handling can cause a short circuit, fire or even an explosion!
- Do not disassemble the device! In case of a defect, contact your dealer. The dealer will contact the service centre and send the device for repair if necessary.
- Do not expose the device to high temperatures, and protect it from water and high humidity to prevent leakage or explosion of the built-in battery!
- Never bend, squeeze or tug power and connection cables, extensions and connectors. Protect cables from sharp edges and heat.
- Never cover the ventilation slots or cooling grilles!
- Check the device, cables and connections for damage before use. Do not use the device if is damaged or contains damaged live parts! Damaged parts must be replaced immediately by an authorized service centre.
- Before charging, refer to the manual for your end device to ensure that the operating voltage is compatible with the portable power supply. Damage caused by an incorrect voltage will not be covered by the warranty!

## PACKAGE CONTENTS (Fig.1)

- (A) Portable power supply, 1x
- (B) 15V/2A power supply, 1x
- (C) C7 Euro mains cable, 1x
- (D) C7 UK mains cable, 1x
- (E) 12V cable for cigarette lighter, 1x
- (F) UK plug adapter, 2x
- (G) 5.5/2.1 mm adapter for cigarette lighter, 2x
- (H) Instruction manual, 1x

## OVERVIEW OF PARTS (Fig. 2)

- ① Handle
- ② Housing
- ③ Display
- ④ 12V cigarette lighter connector (female)
- ⑤ Light switch
- ⑥ USB function button and light
- ⑦ USB-C female (PD100W), 1x in/out, 1x out
- ⑧ QC3.0 socket, 2x out
- ⑨ USB-A socket, 2x out
- ⑩ DC7.9 socket, 1x in
- ⑪ Anderson socket, 1x in
- ⑫ DC5.5/2.1 socket, 3x out

- 13 DC function button and indicator
- 14 230V AC socket (outlet, EU standard), 2x out
- 15 AC function button and light
- 16 On/off switch
- 17 Ventilation slots for fan
- 18 15W wireless charging zone
- 19 LED panel light

## DISPLAY (Fig. 3)

- 20 Battery charge status (in %)
- 21 Remaining time
- 22 Time unit
- 23 Input power (in Watts)
- 24 Output power (in Watts)
- 25 LED light on
- 26 Active connectors (from left: USB-A, USB-C, wireless)
- 27 AC with frequency (in Hz)
- 28 Fan on
- 29 Direct current (DC)

## OPERATING DEVICES USING THE PORTABLE POWER SUPPLY

### IMPORTANT!

**Always make sure that your end device is compatible with the portable power supply. Check the user manual for your device as well as the technical data in this manual. Always choose the recommended connection option.**

### NOTE:

Before connecting an end device, check that the portable power supply is sufficiently charged. If necessary, charge the battery in the portable power supply (see "Charging the built-in battery").

1. Press the on/off switch (16) for approximately 5 seconds to switch on the portable power supply. The display will light up and the show the power stats.

### POWER SUPPLY WITH DIRECT CURRENT (DC)

Cables with a matching plug can be connected to one of the three DC 5.5/2.1mm sockets (12) to power an end device.

1. Connect the cable on the desired device to one of the sockets.
2. Press the DC function button (13) for approximately 5 seconds. The corresponding function indicator will light up. The connected end device will be supplied with power.

### NOTE:

The 12V DC output voltage ranges between 9V~12.6V; the maximum output current is 15A. The DC output voltage decreases in line with the battery charge due to the chemical properties of the battery. If your device does not have a built-in stabilization function for the input voltage, it may power off if the input voltage is too low. If this occurs, disconnect your device and recharge the portable power supply.

**Short circuit/surge protection:** If the DC output is short-circuited or overloaded (power >1200 W), the device switches off in order to protect the internal components. Please fix the problem and charge the device to restore it.

The DC output switches off when the AC power reaches 1000W.

## **VOLTAGE SUPPLY WITH ALTERNATING CURRENT (AC)**

Cables with a matching Euro mains plug can be connected to the two 230V AC sockets (14) to power an end device (e.g. bedside light).

1. Connect the cable on the desired device to one of the sockets.
2. Press the AC function button (15) for approximately 5 seconds. The corresponding function indicator will light up. The connected end device will be supplied with power.

### **NOTE:**

**Short circuit/surge protection:** If the AC output is short-circuited or overloaded (power >1200W), the portable power supply will switch off in order to protect the internal components. If this occurs, rectify the problem and then press the AC button to use the AC output again.

Some appliances (such as refrigerators, ice makers or laser printers) may require a power surge in order to start. This may be 1300W for 10 seconds or 2400W for 1 second, which can lead to the surge protection function being triggered. If this occurs, disconnect the devices and contact the device manufacturer for more information. Rectify the problem and then press the AC button to use the AC output again.

The DC output switches off when the AC power reaches 1000W.

## **POWER SUPPLY VIA USB-A**

Cables\* with a suitable USB-A plug can be connected to the two USB-A sockets (9) and the two similar-looking QC3.0 sockets (8) to charge an end device\* (e.g. smartphone).

1. Connect the cable on the desired device to one of the sockets.
2. Press the AC function button (6) for approximately 5 seconds. The corresponding function indicator will light up. The connected end device will be supplied with power.

### **NOTE:**

Some smart devices such as Bluetooth headphones and LED lights require a very small input current to charge, which can be less than 150 mA. The portable power supply may not be able to charge this type of smart device due to the USB outputs being unable to detect a current. If this occurs, press the AC button to keep the USB output running. Turn off the AC output when your device is fully charged in order to save power.

**Fast charging output:** The two QC3.0 sockets (8) support Qualcomm QuickCharge 3.0. The output supports a maximum of 5V-9V/2A (e.g. for smartphones that also support Qualcomm QuickCharge 3.0). The actual output voltage and current depend on the connected smart devices. For more information, check the manual or contact the device manufacturer.

The USB-A (9), QC3.0 (8) and DC 5.5/2.1mm (12) sockets and the 12V cigarette lighter socket (4) switch off when the portable power supply is charged via the DC7.9 socket (19).

## **POWER SUPPLY VIA USB-C (PD100W)**

Cables with a suitable USB-C plug can be connected to the two USB-C sockets (7) in order to charge an end device (e.g. smartphone).

1. Connect the cable on the desired device to one of the sockets.
2. Press the AC function button (6) for approximately 5 seconds. The corresponding function indicator will light up. The connected end device will be supplied with power.

### **NOTE:**

The battery in the portable power supply can be charged via the left-hand USB-C socket (7, in/out). To do this, connect an appropriate external device\* using a suitable USB-C cable\*.

## **WARNING:**

**Never charge the battery in the portable power supply via the right-hand USB-C socket (7, out)! This can cause a short circuit, which can lead to irreparable damage to both devices.**

## **POWER SUPPLY VIA WIRELESS CHARGING ZONE**

The 15W wireless charging zone (18) can be used to charge a compatible end device\* (e.g. latest smartphone).

1. Place the back of the desired device (without a protective case) on the wireless charging zone (18). The charging process will start automatically.

## **USING ADAPTERS**

### **ADAPTER FOR CIGARETTE LIGHTER**

The portable supply comes with two 5.5/2.1mm adapters for a cigarette lighter (fig. 1, G). These adapters can be used to connect cables with a cigarette lighter plug to the DC 5.5/2.1mm sockets (12).

1. Insert the plug on the adapter (fig. 1, G) into one of the DC 5.5/2.1mm sockets (12).
2. Insert the cigarette lighter plug on a corresponding cable\* into the adapter socket.

### **ADAPTER FOR UK PLUGS**

The portable power supply comes with two UK plug adapters (fig. 1, F). These adapters can be used to connect cables with a UK plug to the 230V AC sockets (14).

1. Insert the UK plug adapter (fig. 1, F) into one of the 230V AC sockets (14).
2. The UK plug adapter can then be used to connect devices that only have a UK plug.

## **LED LIGHT**

This device is equipped on two sides with particularly bright LED panel lights (19).

1. Press the light switch (5) for approximately 5 seconds to turn on the light.
2. Press the light switch (5) repeatedly to switch between the different modes (dim/bright/flashing).

## **WARNING!**

**Do not shine the light directly into people's eyes, as it may cause eye damage.**

## **CHARGING THE BUILT-IN BATTERY**

### **CHARGING WITH POWER ADAPTER**

1. Connect the supplied 15V/2A power adapter (Fig. 1, B) to the Euro mains cable (fig. 1, C).
2. Insert the plug on the power adapter into the DC 7.9V socket (19).
3. Plug the Euro plug on the mains cable into a mains socket to charge the built-in battery of the portable power supply.

### **NOTE:**

**The battery in the portable power supply is fully charged when the battery indicator on the colour display shows full charge.**

**The USB-A, QC3 (8), DC5.5/2.1 (12) and 12V cigarette lighter (4) outputs switch off when the portable power supply is charged via the DC7.9 socket (10).**

4. Once the battery has finished charging, disconnect the portable power supply from the mains and unplug the power adapter.

## CHARGING BY SOLAR PANEL

The portable power supply is equipped with a so-called Anderson socket, which can be used to connect a solar panel\*.

### WARNING!

**To charge the battery in the portable power supply, only use solar panels that have a compatible Anderson connector.**

1. Place the solar panel in such a way that it receives as much direct sunlight as possible.
2. Insert the Anderson plug on the solar module into the Anderson socket (11) on the portable power supply to charge the built-in battery.

### NOTE:

**The battery in the portable power supply is fully charged when the battery indicator on the display shows full charge.**

3. Disconnect the solar panel from the portable power supply as soon as charging is complete.

## CHARGING VIA USB-C (in/out)

The battery in the portable power supply can be charged via the left-hand USB-C socket (7, in/out). To do this, connect an appropriate external device\* using a suitable USB-C cable\*.

### WARNING:

**Never charge the battery in the portable power supply via the right-hand USB-C socket (7, out)! This can cause a short circuit, which can lead to irreparable damage to both devices.**

## CHARGING VIA THE CIGARETTE LIGHTER CABLE

1. Insert the plug on the supplied cigarette lighter cable (fig. 1, E) into the DC7.9 socket (19).
2. Insert the cigarette lighter plug into the appropriate socket on your car to charge the battery of the portable power supply.

### NOTE:

**The device is fully charged when the battery indicator on the display shows full charge.**

3. Once charging is complete, disconnect the cigarette lighter cable from the portable power supply.

### NOTE:

**The output voltage of the 12V vehicle socket may vary, and therefore the charging speed and time will depend on the vehicle type and vehicle status.**

### IMPORTANT:

**To prevent a failure of the car battery, it is only possible to charge the portable power supply via your car's cigarette lighter when the engine is running.**

## CLEANING

Before cleaning, switch off the device and disconnect it from any possible power sources (unplug charging devices)!

Clean the outside of the device with a dry cloth. Do not use cleaning fluid, as this may damage the electronic components.

Protect the device from dust and moisture! Store the device in its box when you do not plan to use it for an extended period of time.

Check the charge status if the device has not been used for a long time.



## DISPOSAL



Dispose of the packaging materials according to type. Information on proper disposal can be obtained from your municipal waste disposal service or environmental agency.



Do not place electrical appliances in household waste!

According to the European Directive 2012/19/EU on waste electrical and electronic equipment and its transposition into national law, used electrical devices must be collected separately and recycled in an environmentally friendly manner.



Batteries and rechargeable batteries must not be disposed of in household waste. You are legally obliged to return used batteries, and can return them free of charge after use either at one of our retailers or in your locality (e.g. in shops or at municipal collection points). Batteries are marked with a crossed-out waste bin symbol and the chemical symbol of the contaminant: "Cd" stands for cadmium, "Hg" stands for mercury and "Pb" stands for lead.



- 1 Battery contains cadmium
- 2 Battery contains mercury
- 3 Battery contains lead

## WARRANTY & SERVICE

The regular warranty period is 2 years and begins on the day of purchase. To benefit from an extended voluntary warranty period as stated on the gift box, registration on our website is required.

You can consult the full warranty terms as well as information on extending the warranty period and details of our services at [www.bresser.de/warranty\\_terms](http://www.bresser.de/warranty_terms).

## CE DECLARATION OF CONFORMITY



Bresser GmbH has prepared a "declaration of conformity" in accordance with the applicable guidelines and corresponding standards. The full text of the CE declaration of conformity is available at the following website: [www.bresser.de/download/3810025/CE/3810025\\_CE.pdf](http://www.bresser.de/download/3810025/CE/3810025_CE.pdf)

## UKCA DECLARATION OF CONFORMITY



Bresser GmbH has prepared a "declaration of conformity" in accordance with the applicable guidelines and corresponding standards. The full text of the UKCA declaration of conformity is available at the following website: [www.bresser.de/download/3810025/UKCA/3810025\\_UKCA.pdf](http://www.bresser.de/download/3810025/UKCA/3810025_UKCA.pdf)

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## TECHNICAL DATA

Battery capacity:	50Ah/21.6V/1080Wh;
Battery type:	Li-ion
Charging cycles:	up to 2000
AC output power:	1200W
AC output voltage:	230V/50Hz
DC input:	5-28V/6A; Plug type: 7.9*0.8 mm
DC output 1&2&3:	12-13 V / 10A; plug type: 5.5*2.1 mm
USB-A 1&2 output:	5V/2.1A
QC 1&2 output:	5V/3A, 9V/2A, 12V/1.5A
USB-C1 input & output:	5V/2.4A, 9V/3A, 12V/3A, 15V/3A, 20V/5A (PD100W)
USB-C2 output:	5V/2.4A, 9V/3A, 12V/3A, 15V/3A, 20V/5A (PD100W)
Wireless charging zone:	5W/7.5W/10W/15W (max.), for Apple iPhone: <7.5W
Cigarette lighter output:	12-13V/10A
Solar panel input:	18V/6A
Light:	Performance: 12W/1320~1600lm; Continuous illumination for up to 90 hours

## Service

### DE AT CH BE

Bei Fragen zum Produkt und eventuellen Reklamationen nehmen Sie bitte zunächst mit dem Service-Center Kontakt auf, vorzugsweise per E-Mail.

E-Mail: [service@bresser.de](mailto:service@bresser.de)  
Telefon\*: +49 28 72 80 74 210

#### **BRESSER GmbH**

Kundenservice  
Gutenbergstr. 2  
46414 Rhede  
Deutschland

\*Lokale Rufnummer in Deutschland (Die Höhe der Gebühren je Telefonat ist abhängig vom Tarif Ihres Telefonanbieters); Anrufe aus dem Ausland sind mit höheren Kosten verbunden.

### GB IE

Please contact the service centre first for any questions regarding the product or claims, preferably by e-mail.

E-Mail: [service@bresseruk.com](mailto:service@bresseruk.com)  
Telephone\*: +44 1342 837 098

#### **BRESSER UK Ltd.**

Suite 3G, Eden House  
Enterprise Way  
Edenbridge, Kent TN8 6HF  
Great Britain

\*Number charged at local rates in the UK (the amount you will be charged per phone call will depend on the tariff of your phone provider); calls from abroad will involve higher costs.

### FR BE

Si vous avez des questions concernant ce produit ou en cas de réclamations, veuillez prendre contact avec notre centre de services (de préférence via e-mail).

E-Mail: [sav@bresser.fr](mailto:sav@bresser.fr)  
Téléphone\*: 00 800 6343 7000

#### **BRESSER France SARL**

Pôle d'Activités de Nicopolis  
314 Avenue des Chênes Verts  
83170 Brignoles  
France

\*Prix d'un appel local depuis la France ou Belgique

### NL BE

Als u met betrekking tot het product vragen of eventuele klachten heeft kunt u contact opnemen met het service centrum (bij voorkeur per e-mail).

E-Mail: [info@bresserbenelux.nl](mailto:info@bresserbenelux.nl)  
Telefoon\*: +31 528 23 24 76

#### **BRESSER Benelux**

Smirnoffstraat 8  
7903 AX Hoogeveen  
The Netherlands

\*Het telefoonnummer wordt in het Nederland tegen lokaal tarief in rekening gebracht. Het bedrag dat u per gesprek in rekening gebracht zal worden, is afhankelijk van het tarief van uw telefoon provider; gesprekken vanuit het buitenland zullen hogere kosten met zich meebrengen.

### ES PT

Si desea formular alguna pregunta sobre el producto o alguna eventual reclamación, le rogamos que se ponga en contacto con el centro de servicio técnico (de preferencia por e-mail).

E-Mail: [servicio.iberia@bresser-iberia.es](mailto:servicio.iberia@bresser-iberia.es)  
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\*Número local de España (el importe de cada llamada telefónica dependen de las tarifas de los distribuidores); Las llamadas des del extranjero están ligadas a costes suplementarios..

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Errors and omissions excepted.

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