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Fig. 1

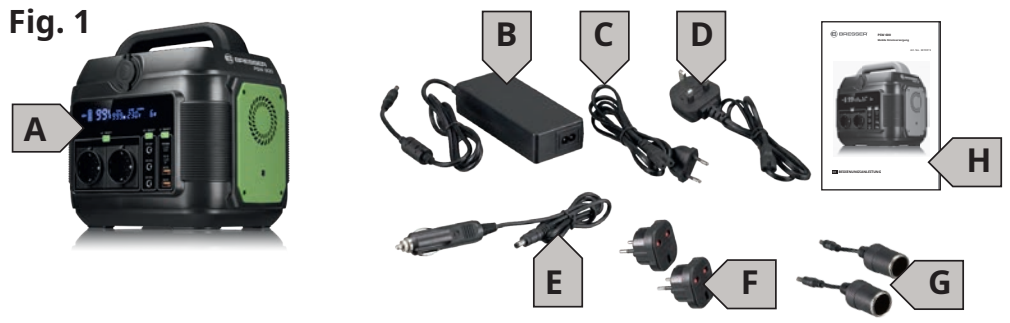
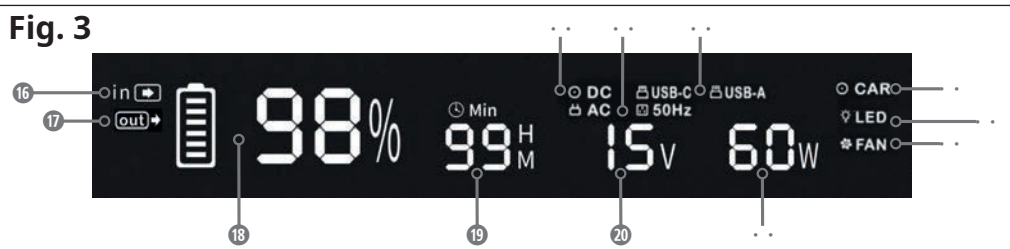


Fig. 2



Fig. 3





## GENERAL SAFETY INSTRUCTIONS

- This device contains electronic parts that are operated via a power source (power pack). Never leave children unattended whilst handling the device! Only use the device as described in the manual. Otherwise, you run the DANGER of an ELECTRIC SHOCK.
- Children may only use the device under supervision. Keep packaging materials (plastic bags, rubber bands, etc.) away from children! There is a DANGER OF CHOKING!
- Do not short-circuit the device or batteries or throw them into a fire! Excessive heat and improper handling can cause short circuits, fires and even explosions!
- Do not disassemble the device! In the event of a defect, please contact your dealer. They will contact the Service Centre and can arrange the return of this 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. Never attempt to operate a damaged device, or a device with damaged electrical parts! Damaged parts must be replaced immediately by an authorised service agent.
- 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) Mobile 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) 5.5/2.1mm adapter for cigarette lighter, 2x
- (H) Instruction manual, 1x

## OVERVIEW OF PARTS (Fig. 2)

- ① Handle
- ② Housing
- ③ Connector socket for 12V cigarette lighter
- ④ Colour display
- ⑤ AC function button and light
- ⑥ 230V AC socket (outlet, EU standard), 2x out
- ⑦ DC function button and indicator
- ⑧ DC 5.5/2.1mm socket, 3x out
- ⑨ USB-A/QC3.0 socket, 2x out
- ⑩ USB-C socket, 1x in/out (PD100W), 1x out (PD27W)

- 11 On/off switch with function indicator
- 12 DC 5.5/2.1mm socket, 1x in
- 13 Ventilation slots for fan
- 14 LED panel light
- 15 Light switch

## DISPLAY (Fig. 3)

- 16 Information voltage input
- 17 Voltage output information
- 18 Battery charge level (in %)
- 19 Remaining operating time (H = hours, M = minutes)
  - Voltage value (in V), depends on 16 and 17 (either input or output voltage)
  - Power value (in W), depend on 16 and 17 (either input or output voltage)
  - Fan on
  - LED light on
  - 12V cigarette lighter connectors on
  - Active USB ports (left: USB-C, right: USB-A/QC3.0)
  - AC (AC) with frequency (in Hz)
  - 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 (11) for approximately 5 seconds to switch on the portable power supply. The colour display will light up together with the function indicator, and the power data will be displayed.

### 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 (8) to power an end device.

1. Connect the cable on the desired device to one of the sockets.
2. Press the DC function button (7) 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 10A. 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. Recharge the mobile power supply battery in good time.

Short circuit/surge protection: If the DC output is short-circuited or overloaded, the

device switches off in order to protect the internal components. If this occurs, rectify the problem and then charge the device to restore functionality.

The DC output switches off when the AC power reaches 500W.

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

Cables with a matching Euro mains plug can be connected to the 230V AC socket (6) 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 (5) 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 650W for 10 seconds or 1200W 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 500W.

## **POWER SUPPLY VIA USB-A/QC3.0 CABLE**

Cables with a matching plug can be connected to the two USB-A/QC3.0 sockets (9) to charge an end device (e.g. smartphone).

1. Connect the cable on the desired device to one of the sockets.
2. 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 charge output:** The two USB-A/QC3.0 sockets (9) 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/QC3.0 (9), DC 5.5/2.1mm (8) and 12V cigarette lighter (3) sockets switch off when the portable power supply is charged via the DC5.5 socket (12).

## **POWER SUPPLY WITH USB-C (PD100W/PD27W)**

Cables with a suitable USB-C plug can be connected to the two USB-C sockets (10) in order to charge an end device (e.g. smartphone).

1. Connect the cable on the desired device to one of the sockets.
2. The connected end device will be supplied with power.

#### **NOTE:**

The battery in the portable power supply can be charged via the upper USB-C socket (10, PD100W in/out). To do this, connect an appropriate external device\* using a suitable USB-C cable\*.

#### **ATTENTION:**

**Never charge the battery in the portable power supply via the lower USB-C socket (10, PD27W out)! This can cause a short circuit that can lead to irreparable damage to both devices.**

## **USE OF 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 (8).

1. Insert the plug on the adapter (fig. 1, G) into one of the DC 5.5/2.1mm sockets (8).
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 socket (6).

1. Insert the UK plug adapter (fig. 1, F) into the 230V AC socket (6).
2. The UK plug adapter can then be used to connect devices that only have a UK plug.

## **LED LIGHT**

The device features a bright LED panel light (14) on one side.

1. Press the light switch (15) for approximately 5 seconds to turn on the light.
2. Press the light switch (15) repeatedly to switch between the different modes (dim/bright/flashing/off).

#### **ATTENTION!**

**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 DC5.5 socket (12).
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 display shows full charge.

The USB-A/QC3.0 (9), DC5.5/2.1 (8) and 12V cigarette lighter (3) outputs switch off when the portable power supply is charged via the DC5.5 socket (12).

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

### **CHARGING VIA THE CIGARETTE LIGHTER CABLE**

1. Insert the plug on the supplied cigarette lighter cable (fig. 1, E) into the DC5.5 socket (12).

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 device only on the outside with a dry cloth. Do not use cleaning fluid to avoid damage to the electronics.

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 properly, according to their type, such as paper or cardboard. Contact your local waste-disposal service or environmental authority for information about the proper disposal.



Do not dispose of electronic devices in the household garbage! According to the European Directive 2012/19/EU on Waste Electrical and Electronic Equipment and its transposition into national law, used electrical equipment must be collected separately and recycled in an environmentally sound manner.



Batteries and rechargeable batteries must not be disposed of with household waste. You are legally obliged to return used batteries and accumulators and can return the batteries after use either at our sales outlet or in the immediate vicinity (e.g. in the trade or in municipal collection points) free of charge. Batteries and accumulators are marked with a crossed-out dustbin and the chemical symbol of the pollutant, "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

**CE** 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/3810015/CE/3810015\\_CE.pdf](http://www.bresser.de/download/3810015/CE/3810015_CE.pdf)

## UKCA DECLARATION OF CONFORMITY

**UKCA** 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/3810015/UKCA/3810015\\_UKCA.pdf](http://www.bresser.de/download/3810015/UKCA/3810015_UKCA.pdf)

## TECHNICAL DATA



Battery capacity:	40Ah/14.4V/576Wh
Battery type:	Li-Ion
Charging cycles:	up to 800
AC output power:	600W
AC output voltage:	230V/50Hz
DC input:	5-24.5V/2-5A; plug type: 5.5*2.1mm
DC output 1&2&3:	12-13V/8-10A; plug type: 5.5*2.1mm
USB-A/QC3.0 1&2 output:	5V/3A, 9V/2A, 12V/1.5A
USB-C 1 input & output:	5V/2.4A, 9V/3A, 12V/3A, 15V/3A, 20V/5A (PD100W)
USB-C 2 output:	5V/2.4A, 9V/3A, 12V/2.15A (PD27W)
Cigarette lighter output:	12-13V/10A
Illumination:	Power: 11W/880~1320lm; continuous illumination for up to 52 hours





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**Bresser GmbH**  
Gutenbergstr. 2  
46414 Rhede · Germany  
[www.bresser.de](http://www.bresser.de)

    @BresserEurope



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