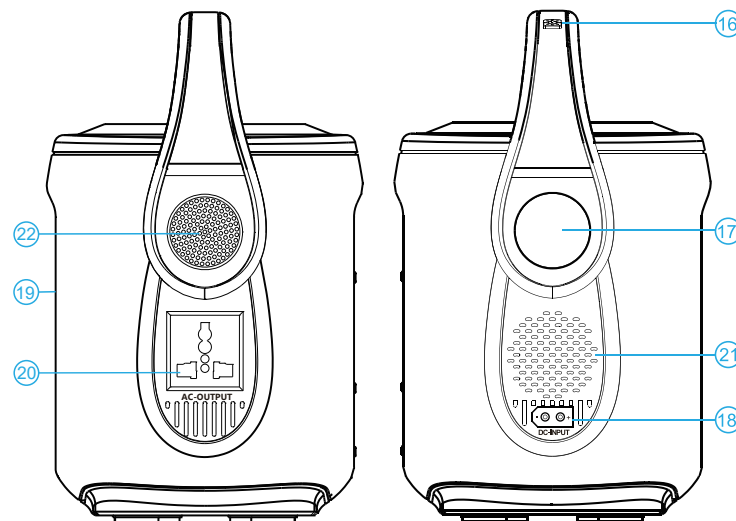
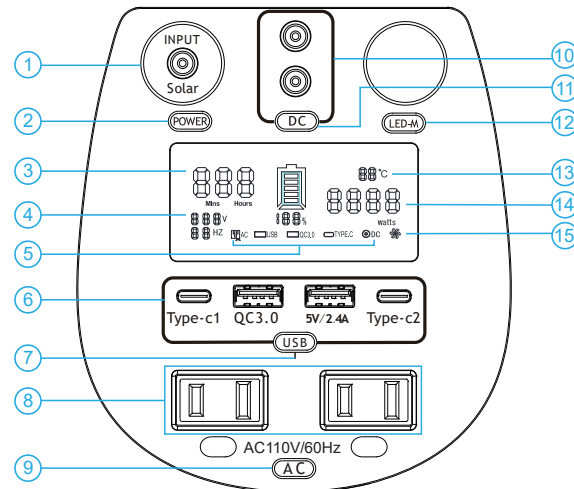




48V Lithium Battery 1000W Inverter Power Supply Instruction



I. Function Description:

1. Insert the DC adapter cable into the charging port of the lithium battery, and connect the XT90 plug to the DC INPUT port ⑩ of the inverter.

2. Charging:

Connect the output plug of the Solar Panel (to be ordered separately) to the charging port ①, the display screen will lights up automatically during charging and the battery indicator flickers, that indicate now is charging.

3. Discharge:

Press and hold the POWER key ② for 3 seconds, the display screen will show the battery level after startup. The discharge time depends on the battery voltage (for reference only, the specific time depends on the actual usage time).

Press and hold the POWER key ② for 3 seconds to turn off the device.

Other output functions can only be used when turned on the device.

4. DC Output:

Press and hold the DC key ⑪ for 3 seconds, after the display screen ⑤ shows "DC", the DC output port ⑩ output 12V voltage.

5. PD and USB Output:

Press and hold the USB key ⑦ for 3 seconds, after the display screen ⑤ shows "USB QC3.0 TYPE. C", the port ⑥ outputs PD, QC3.0, USB 5V/2.4A.

The 4 output ports support the fast charging separately and also can be used for 4 electronic devices simultaneously.

6. AC Output:

Press and hold the AC key ⑨ for 3 seconds, the display screen ⑤ shows "AC", ④ indicates the output voltage and frequency, the AC output port (port ⑧ & ②①) output the voltage, now plug in the electric appliance and turn it on.

AC port x3 (port ⑧ & ②①) connected in parallel, and the total output power of the AC port x3 (port ⑧ & ②①) cannot exceed 1000W.

7. The Flashlight ①⑦ :

Press and hold the key ①⑥ for 3 seconds, the flashlight will turn on as the first level brightness; short press the key ①⑥ again, the flashlight will turn to the second level brightness; short press the key ①⑥ again, the flashlight will enter to the SOS flashing mode.

The setting of the three modes cycle in sequence, press and hold the key ①⑥ for 3 seconds to turn off.

8. Reading Light ①⑨ :

Press and hold the LED-M key ①② for 3 seconds, the reading light will turn on as the first level brightness; short press the key ①② again, the reading light will turn to the second level brightness; short press the key ①② again, the reading light will turn to the third level brightness.

The setting of the three modes cycle in sequence, press and hold the key ①② for 3 seconds to turn off.

II. Display Screen Function Description:

1. ③ indicates the charging and discharging time; ①③ indicates the AC inverter temperature, when the temperature exceeds 45 degrees, the fan ②① ②② start to work and the symbol ①⑤ will light up.

2. When the DC discharge power exceeds 60W, the fan ②① ②② start to work and the symbol ①⑤ will light up.

3. The estimation of charging and discharging time is calculated based on the default battery capacity of 30AH, and the battery % ratio is the battery voltage measure.



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III. Precautions:

1. Solar charging:

A. The device can match the foldable solar panel and the open single solar panel (the maximum power of the solar panel cannot exceed 300W, and the output voltage of the solar is 18V~36V).

When charging, the maximum voltage of the battery is 54.6V, to avoid the danger, please do not connect with the lithium battery with voltages other than 48V or any lead-acid battery.

B. The MTTP system tracks the maximum charging power automatically, please make sure the solar panel is placed in the sunny area (solar panels work best in direct sunlight).

2. Please check first when use, make sure the battery is firmly connected to this device, and then turn on the device.

3. After turning on the AC output, connect the device first, and then turn on/off the power switch of the device.

4. Keep in a dry place when using and storing, avoid to be exposed to the rain and water.

IV. AC Malfunction Indication And Solution:

- Beep Sound: Twice - The lithium battery is under voltage, please stop using and then charge the device.
- Beep Sound: Three times - The lithium battery over voltage, please stop using and check if the battery matches.
- Beep Sound: Four times - The device temperature is too high, please stop using and then cool down before using.
- Beep Sound: Five times - Overload and short circuit, please replace the electric appliance and then start to use.
- Beep Sound: Six times - Overload, please replace a low-power electric appliance and then start to use.

V. Specifications:

1. DC Input:

Only applicable to 13 series of 48V ternary lithium batteries, requiring a continuous discharge current of 30A (same as the inside BMS).

2. Solar Charging:

18-36V/ 5-8A (Plug #5.5 x 2.5mm)

NOTE: The maximum power of the soloar panel cannot exceed 300W)

3. DC Output:

DC: 12V/8A x 2 (Plug #5.5 x 2.0mm)

Type-C1: PD100W Type-C2: PD20W

USB 1: QC3.0 20W USB 2: 5.0V 2.4A

4. AC Output:

AC110V 60Hz (pure sine wave)

AC Output Power(AC x 3-port⑧&⑳): 1000W (Max)

5. Flashlight: Two brightness levels + SOS flashing

6. Reading Light: Three brightness levels

7. Working Temperature: -10°C ~ 40°C

8. Product Size: 274 x 270 x 170mm

9. Product Net Weight: 2.5KG

VI. Contact Information:

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