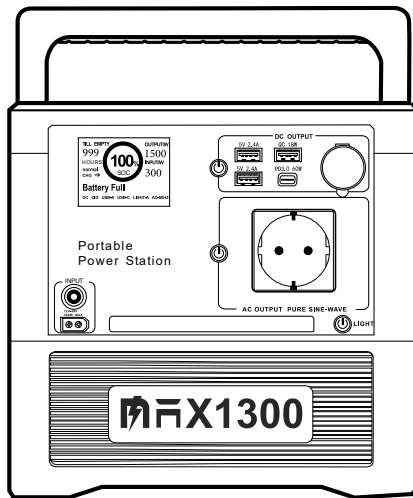


PORTABLE POWER STATION

Euler 1300W | User Manual

Where the Light Goes - Inverted by Me

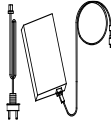


1. Please read the product instructions carefully before using.
2. Check the power of appliances before use. Avoid using the product with excessive power and load.
3. Charge the product when the power falls below 20% after use.
4. When putting the product in storage, keep the power supply at 50% or higher.

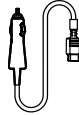
1. Spare parts list



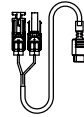
Euler P1300



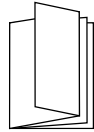
Adapter



Car Charge Cable

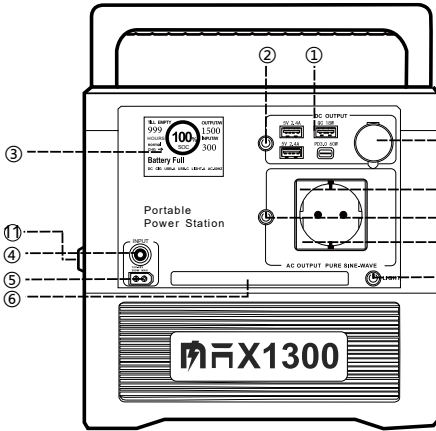


Solar Charge Cable

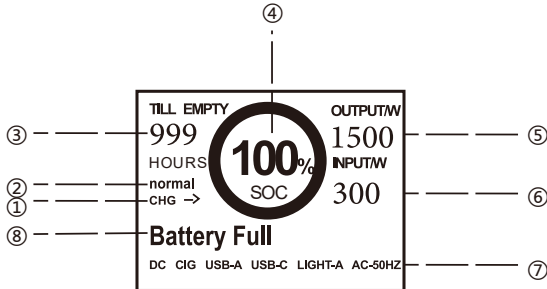


User Manual

2. Function diagram



1. USB Output Port
 2. DC Power Button
 3. LCD Display
 4. Charge Input Port
 5. Solar charging interface
 6. LED Light
 7. AC Output Socket
 8. AC Power Button
 9. LED Light Button
 10. Car Power Output Por
 11. Mode switch
- #### 2. 1 LCD Display

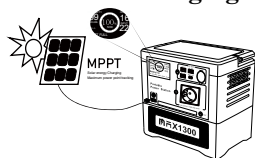


No.	Item	Function
①	Charging Mode	CHG-> Adapt charging/ Solar charging/Vehicle charging
②	Work pattern	Saving: energy-saving mode Normal: normal mode
③	Charging and discharging remained time	TILL FULL: Charging to full remained time TILL EMPTY: Discharging to empty remained time
④	Remained energy rate	Remained energy rated from 0% to 100%, the cycle ring changes with SOC.
⑤	Output power	Real time power display, Number + Watt
⑥	Input Power	Real time power display, Number + Watt
⑦	Discharge mode	DC CIG: Cigar lighter output USB-A USB-C: USB-A, QC 3.0, PD3.0 Quick charge LIGHT-A/B/C/D/E: Light five different modes AC-50Hz: AC output frequency 50Hz
⑧	Fault code	Report the corresponding fault code when the product runs abnormally

2.2 mode selection

The button is pressed to enter the Saving mode. After starting up, no electric appliances or electric appliances with low power consumption will be used, and the machine will automatically shut down after a time delay to save electricity. Press the button to enter Normal mode, low power operation does not sleep, suitable for low-power refrigerator or energy-saving lamp continuous operation.

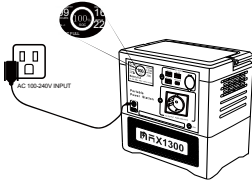
2.3 Solar charging



Insert the output terminal of the solar energy device into the input port of the device. The display should flash "CHG ->" to indicate charging, while the input displays the charging power, indicating that the ring color block of the power is flashing. The device can

be used with solar photovoltaic panels with an output voltage in the range of 16V-48V, and supports 300W charging at most. MPPT maximum power tracking technology is adopted to charge the solar photovoltaic panels with maximum output capacity in the case of power fluctuation. The output power of solar energy is greatly affected by light, and the fluctuation of output power is a normal phenomenon.

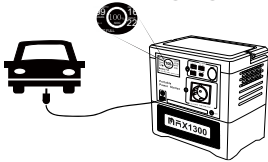
2.4 Adapter charging



The adapter is plugged into the main power supply, and the DC charging terminal is plugged into the input port of the device.

The display flashes "CHG ->" to indicate charging, while the input shows the charging power, indicating that the ring color block of the power is flashing.。

2.5 Car charging



With the vehicle on, use the connecting wire to connect the vehicle lighter and the input port. The display should lights up and flash "CHG ->" to indicate charging, and the input shows charging power, indicating that the ring color block of electric quantity flashes, with an input voltage between 12V to 15V.

2.6 AC output

Press and hold the AC button for 1 second to turn on the AC output function. The blue backlight of the button should lights up. The corresponding area of the display shows the "AC-50Hz/60Hz" icon, indicating the output of AC port. The maximum power output is 1300W, stop output for 30s when the power exceeds 1350W, stop output for 15s when the power exceeds 1400W, stop output for 3S when the power exceeds 1500W. Once the reported overload fault disappears after the power has been turned off, turn the device on again for normal use. Press and hold for 1 seconds to turn off AC output function, and press and hold for 3 seconds to turn off all output functions.

2.7 DC output

Press and hold the DC button for 1 second to turn on the DC output function. The blue backlight of the button should lights up. The corresponding area of the display shows the "DC CIG USB-A USB-C" icon, indicating the output of DC port. Once the reported overload fault disappears after the power has been turned off, turn the device on again for normal use. Press and hold for 1

second to turn off AC output function, and press and hold for 3 seconds to turn off all output functions.

2.8 LIGHT output

Press the light button and hold for 1 second to turn on the light output function. The blue backlight of the button should lights up. The corresponding area of the display screen will display the "LIGHT-A" icon. LED lights will turn on. There are five output modes. Click the button to switch the mode. Press and hold for 1 second to turn off light output function, and press and hold for 3 seconds to turn off all output functions.

3 Product parameters

Index	Item	Parameter
Shape	Size	258mm*175mm*249.5mm
	Color	Black
	Weight	9.9Kg
Battery	Battery energy	1160Wh
	Battery type	Lithium ion battery
	Rated voltage	22.2VDC
	Max charge voltage	25.2VDC
	Rated capacity	52Ah
	Cycle time	1000 次
	Charge temperature	0-40℃
	Battery protection	Overcharge protection, over discharge protection, over temperature protection, low temperature protection, over current protection, sensor disconnection protection, communication offline protection
Pattern	Work pattern	Energy saving mode: delay automatic shutdown when no electric appliance is in use.
		Normal mode: After powering on, you can only shut down the device by manually pressing the button
Charge	Adapter	48V6A 4h

	Solar	18-21V 5A1 4h 28-32V 10A 6h 36-43V 10A 4h (Charging time varies with the intensity of the sun)
	Car	12-15V 7A 15h
	Charge protection	Charging overcurrent protection
USB Output	USB-A Normal×2	5V2. 4A
	USB-A Fast charge	QC3.0 Fast charge, 5-12V,18W
	Type-C	PD3.0 Fast charge, 5-20V,60W
	Output protection	Overload protection, short circuit protection
AC Output	Voltage	230V ± 5V
	Frequency	50Hz
	Power	1300W
	Peak power	1500W
	Output protection	Overload protection, short circuit protection
DC Output	Cigarette lighter port	DC12V max 10A
	Output protection	Overload protection, short circuit protection
LIGHT Output	L I G H T-A	Slightly bright 2W
	L I G H T-B	Bright 3W
	L I G H T-C	SOS 2W
	L I G H T-D	Flash 2W
	L I G H T-E	Pulse light 2W
Temperature	Discharge	-10°C~50°C
	Storage	-10°C~60°C

4. Alarm code

Alarm code	Alarm item
Battery Full	Full charge stops charging but allows discharge
E1 Low Power	Low battery protection, stop discharging output, allow charging

E2 Over Temp	Battery over temperature protection, stop charging and discharging
E3 Low Temp	Battery under temperature protection, stop charging and discharging
E4 Voltage Diff	The battery differential pressure is too large for protection. It is allowed to charge and discharge. Please contact after-sales service if it does not disappear for a long time
E5 Temp Diff	Battery temperature difference is too large for protection, charging and discharging are allowed, please contact after-sales service if it does not disappear for a long time
E6 Voltage High	Battery voltage is too high, stop charging and allow discharging
E7 Voltage Low	Battery voltage is too low, stop discharging and allow charging
E8 Charge OC	Charging overcurrent protection, stop charging
E9 Sensor Break	The current sensor is disconnected, the charging and discharging are stopped, and it will not disappear for a long time. Please contact after-sales service
E10 Bat Short	Battery short circuit protection, stop charging and discharging
E11 AC SysFault	AC system failure, unable to output, long time after restart, please contact after sales
E12 AC Overload	AC overload protection, stop output, resume output after restart
E13 USB Overload	USB overload protection, stop output, resume output after restart
E14 CIG Overload	Overload protection of cigarette lighter, stop output and resume output after restart
E15 DC Overload	DC overload protection, stop output, resume output after restart

E17 BMS Offline

Battery module communication is abnormal

5. Precautions for use



“Danger” means there is a risk of personal injury.

- ① The product outputs high-voltage AC. Please do not insert your hand or hand-held metal into the AC socket.
- ② Do not place the product in a high temperature environment (over 50 degrees Celsius) or near a fire source.
- ③ Do not drop or impact the product.



“Warning” means there is some danger.

- ① Please read the instruction manual before use.
- ② Please charge the cell within the temperature range of 0-45 °C, and shorten the service life of the cell when the temperature is too low.
- ③ If there is any abnormal condition such as heating of charging or storage process products, please stop charging immediately and place it in an open place for observation. Once it is safe do do so, contact the manufacturer or dealer.



“Caution” means there is a risk of damage to the product or shortening of service life.

- ① When the power of the product is exhausted, please charge it in time.
- ② Please do not use the product with excessive power and load. Check the power of the electric equipment before use.
- ③ If the storage period is more than 6 months, in order to extend the service life of the battery, please charge the product before use.

6. Common problems

Q1: Are lithium batteries safe?

A: The system has multiple safeguards to ensure the safe operation of the lithium battery, with charging over-voltage protection and discharge over load protection.

Q2: Can the product be discharged while being charged?

A: Display charge and discharge time and state according to power difference.

Q3: Why does the device emit sound?

A: The product has an air cooling system and built-in mute fan to help the product cool down and

ensure the inverter works continuously.

Q4: Is it normal for the adapter to heat up while charging?

A: It is normal for the adapter to heat up while charging.

Q5: What type of car is the “start function” applicable to?

A: A fully charged battery can be used for car starting.

Q6: Will the product automatically shut down after standing for a few hours or working under a small load?

A: The product is set to automatically shut down after a few hours under no load or a very small load to conserve power.

Q7: How long does the battery hold its electricity supply?

A: When charged above 50%, the device can retain its battery supply for 6-12 months.

7. Troubleshooting

7.1 The product cannot be charged

- ① Check whether the charger, power supply and mains plug are in good contact.
- ② Check whether the indicator light of the charger are on. If not, the charger may be damaged. Please contact the after-sales department.
- ③ Check whether the display is on. If it does not indicate the charging state, please contact the after-sales department.

7.2 The product cannot be discharged

- ① This happens when the display screen does not light up when a key is pressed. Please contact the after-sales service.
- ② The backlight of the key and the display are on when the key was pressed, without any output in the corresponding area. Check whether the equipment connection is normal. If the connection is normal, check whether the alarm code is prompted to output the overload protection. Restart and try again.
- ③ Check whether the rated power of the electrical equipment is greater than the maximum limited power, and do not use it if it exceeds the limited value.

7.3 Product stops working during usage

- ① Check whether the power supply is too low by seeing the power of the display screen and confirming the alarm code. If the power is too low, please charge the device.
- ② Check whether the power supply has been overloaded, is under high temperature, low

temperature, is experiencing a short circuit and any other abnormal conditions. Check the alarm code of the display screen. If there are corresponding abnormal conditions, please deal with them according to different alarms in the alarm table.

8. After-sales service

If during the normal use of the product the instruction within the manual are unable to fix the situation, please contact the dealer and provide clear feedback to the after-sales personnel. This includes the product model, purchase date, contact number and issue.

① Product warranty is 1 year

This period is calculated from the date of purchase. In order to determine the purchase date, consumers are requested to keep their receipt and online purchase records.

② During the warranty period, the company shall undertake the obligation of free maintenance and parts replacement for defects caused by product process or materials and damage caused by non-human factors.

③ The following are not covered by the warranty.

- Disassembly and repairs without approval of company
- Product performance failure due to human factors
- Damage caused by natural disasters, lightning, accidents and other unpreventable factors
- Appearance damage after use is not covered by the warranty