

MaxPower MP1300

MaxPower MP1300 Portable Power Station User Manual

Model: MP1300

1. INTRODUCTION

The MaxPower MP1300 is the latest model in the MaxPower Portable Power Station series. It offers a 1300W AC rated output, 300W fast charging capability, and a substantial battery capacity of 1160Wh (313,500mAh). This unit is designed for high performance, capable of powering approximately 90% of common household appliances with its 1300W output. It also supports solar panels up to 300W for efficient and convenient solar charging.

This portable power station features an ultra-compact design, comparable to a 700W class unit, while delivering high efficiency, large capacity, and quiet operation. It is an ideal power solution for car camping, outdoor activities, and emergency preparedness. The MP1300 utilizes a high energy density ternary lithium battery, known for its reliability in various applications.



Image: MaxPower MP1300 Portable Power Station.

2. SAFETY INSTRUCTIONS

- Do not disassemble, repair, or modify the unit.
- Keep the unit away from fire, water, and extreme temperatures.
- Ensure proper ventilation during use and charging.
- Do not insert foreign objects into the ports.
- Use only the provided or approved charging accessories.
- Keep out of reach of children.
- This product is PSE certified for safety.

インテリジェント安全制御

-10°C～60度の環境下で安全ご使用できます。
充電時の温度-10°C～40°C



-10°C



+60°C

— 保護機能のご紹介 —



過電流保護



過放電保護



過電圧保護



短絡保護



低電圧保護



温度保護



過充電保護



過負荷保護

Image: MaxPower MP1300 Intelligent Safety Control features, including overcurrent, over-discharge, over-voltage, short-circuit, low-voltage, temperature, overcharge, and overload protection.

3. PACKAGE CONTENTS

Verify that all the following items are included in your package:

1. Connection cable for solar panel (XT60 to MC4 conversion cable)
2. Connection cable for cigarette lighter (Cigarette cable)
3. AC adapter for charging
4. Instruction manual
5. Pouch for cables

MP1300 標準付属品

付属品の内容



- ① ソーラーパネルとの接続ケーブル
- ② シガー電源との接続ケーブル
- ③ 充電用ACアダプター
- ④ 取り扱い説明書
- ⑤ ケーブルを入れるポーチ



XT60⇔MC4変換ケーブル シガーケーブル ACアダプター 説明書 小物入れ

Image: MaxPower MP1300 standard accessories: solar panel connection cable, cigarette lighter cable, AC adapter, instruction manual, and cable pouch.

4. PRODUCT OVERVIEW AND PORTS

The MaxPower MP1300 features multiple input and output ports for versatile power management. Familiarize yourself with the location and function of each port.

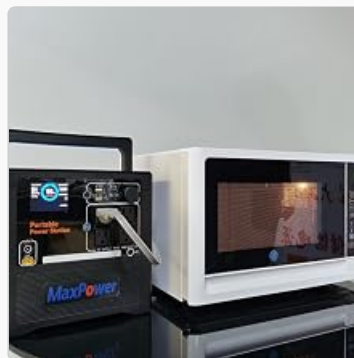


Image: Detailed view of MaxPower MP1300 input and output ports, including AC outlets, USB-A, USB-C PD, DC ports, and cigarette lighter socket.

5. SETUP

Before using your MaxPower MP1300 for the first time, it is recommended to fully charge the unit.

Initial Charging

Connect the provided AC adapter to the input port on the power station and then plug it into a wall outlet. The display will indicate charging status. Allow the unit to charge until it reaches 100% capacity.

6. OPERATING INSTRUCTIONS

Powering On/Off

Press and hold the main power button for a few seconds to turn the unit on or off. The display will illuminate when the unit is active.

Activating Output Ports

- **AC Output:** Press the AC button to activate the AC outlets. Ensure that the total power consumption of connected devices does not exceed the 1300W rated output (1500W peak).
- **DC Output:** Press the DC button to activate the DC ports, including USB-A, USB-QC3.0, Type-C (PD), and the cigarette lighter socket.

Frequency Switching

The AC output supports both 50Hz and 60Hz frequencies. To switch between frequencies, double-click the AC button. The current frequency will be displayed on the screen.



Image: Diagram illustrating pure sine wave output and frequency switching for the MaxPower MP1300.

Saving Mode & Normal Mode

The unit may feature a switch or button to toggle between a power-saving mode and a normal operating mode. Refer to the display or specific button labels for activation.



Image: MaxPower MP1300 showing saving mode and normal mode switch.

7. CHARGING METHODS

The MaxPower MP1300 offers multiple charging options:

- **AC Adapter Charging:** Use the included AC adapter. It is compatible with 50Hz/60Hz power sources. The DC charging input port size is 8.0mm*7.9mm*2.0mm, accepting 18-48V.
- **Car Charger Charging:** Connect the unit to your vehicle's cigarette lighter socket using the provided car charger cable. The car charger port accepts an input voltage range of 12-24V, with a maximum current of 7A.
- **Solar Panel Charging:** The MP1300 supports MPPT (Maximum Power Point Tracking) control for efficient solar charging. The solar input voltage range is 12V-48V. It is compatible with 100W/200W solar panels (e.g., MaxPower WL100, MPS200, sold separately). The maximum input current is 10A, and the maximum input rating is 300W. Solar charging can significantly reduce battery charging time.
- **Generator Charging:** The unit can also be charged using a compatible generator.

4 時間で 0 % ~ 100 % まで充電可能
300W MAX ACアダプター充電及びソーラー充電



ACコンセント4時間でフル充電



約4~6時間で満充電
200Wソーラーパネル2枚
380Wソーラーパネル1枚



13時間前後でフル充電
走行充電可能

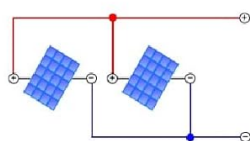


The image shows the MaxPower MP1300 Portable Power Station. The front panel features a digital display showing 'TILL EMPTY 99.9 HOURS', '100%' battery level, 'OUTPUT/W 1300', 'INPUT/W 288', and 'Battery Full'. Below the display, it says 'Portable Power Station'. The input section includes a '12-48V 300W MAX' port. The output section includes 'DC OUTPUT' (5V 2.4A, 5V 2.4A, QC 18W, PD3.0 60W) and 'AC OUTPUT' (PURE SINE-WAVE) with four outlets. A 'LIGHT' button is also present.

ソーラーチャージ&シガー電源入力

Image: MaxPower MP1300 charging display and various charging methods: AC outlet (4 hours), solar panels (4-6 hours with 2x200W or 1x380W panels), and car charging (13 hours).

MP1300ソーラーパネル並列接続使用例



最大入力制限 320W
最大入力電圧 36V
最大入力電流 8.5A



※2枚のソーラーパネルをご購入のお客様は、ご購入後に出品者にご連絡ください。
並列用の専用ケーブルを無償で送付させていただきます。

Image: MaxPower MP1300 connected to two solar panels for parallel charging, showing maximum input limits.

8. OUTPUT PORTS

The MaxPower MP1300 provides various output options to power your devices:

- **AC Outlets:** 100V, 50/60Hz switchable, Pure Sine Wave. Rated output 1300W, peak output 1500W.
- **USB-QC3.0 Port:** 1 port, 5-12V/3A, maximum 18W (Quick Charge 3.0 compatible).
- **USB-A Ports:** 2 ports, 2.4A each.
- **Type-C (PD) Port:** 1 port, 4-20V/MAX 3A, maximum 60W (Power Delivery compatible).
- **DC Ports:** 2 ports, 12V/5A each.
- **Cigarette Lighter Socket:** 12.8V/10A, maximum 120W output.

定格1300Wで9割前後の家電が使える

純正弦波なので精密機器にも安心して使える



炊飯ジャー
1100W



単機能電子レンジ
1200W



オープン
1000W



デスクトップパソコン
300~400W



ノンフライヤー
1000W~1200W



ドライヤー
900W~1200W



ポータブル式IHクッキングヒーター
700W~1200W



ワッフルメーカー
800W~900W



コーヒーメーカー
500W~600W



ケトル 1000W

異なる電気機器より消費電力が異なります、ご使用の電気機器の消費電力1300W以下であることをご確認ください。

Image: MaxPower MP1300 powering various household appliances like rice cooker, microwave, oven, desktop PC, air fryer, hairdryer, IH cooker, waffle maker, coffee maker, and kettle.

9. MAINTENANCE

Storage

Store the MaxPower MP1300 in a cool, dry place away from direct sunlight and corrosive materials. For optimal battery health, recharge the unit every 3-6 months, even if not in use.

Operating Temperature

The unit operates safely in environments ranging from -10°C to 60°C. For charging, the recommended temperature range is -10°C to 40°C.



Image: MaxPower MP1300 intelligent safety control and operating temperature range.

10. TROUBLESHOOTING

If you encounter issues with your MaxPower MP1300, refer to the following common troubleshooting steps:

- **"E1: Low Power" Error:** If this error message appears, try charging the unit for a few minutes. If the issue persists after extended charging, contact customer support.
- **Unit Not Charging:** Ensure all charging cables (AC adapter, car charger, solar panel) are securely connected to both the power station and the power source. Verify that the power source is active. Check cables for any visible damage. For solar charging, ensure panels are in direct sunlight and correctly oriented.
- **No Power Output:** Confirm that the power station is turned on and that the specific output (AC or DC) you intend to use is activated by pressing its respective button. Check if the device you are trying to power exceeds the unit's maximum output capacity (1300W for AC).
- **Fan Noise:** The internal cooling fan may activate during high power output or charging to prevent overheating. This is normal operation. If the fan noise is unusually loud or constant without heavy load, ensure the vents are not obstructed.

If these steps do not resolve the issue, please contact customer support.

11. SPECIFICATIONS

Feature	Specification
Brand	MaxPower
Model Number	MP1300
Battery Capacity	1160Wh (313,500mAh)
Battery Type	Lithium-ion
AC Output	100V, 50/60Hz (Switchable), Pure Sine Wave, 1300W Rated, 1500W Peak
USB-QC3.0 Output	5-12V/3A (Max 18W)
USB-A Output	2.4A (x2)
Type-C (PD) Output	4-20V/MAX 3A (Max 60W)
DC Output	12V/5A (x2)
Cigarette Lighter Output	12.8V/10A (Max 120W)
AC Adapter Input	18-48V
Car Charger Input	12-24V/7A (Max)
Solar Input (MPPT)	12-48V (Max 300W, 10A)
Charging Time (AC)	Approx. 3.8 hours
Product Dimensions	17.5 x 25.8 x 25 cm
Product Weight	9.3 kg
Operating Temperature	-10°C to 60°C
Charging Temperature	-10°C to 40°C

12. WARRANTY AND SUPPORT

This product comes with a 12-month quality support period from the date of purchase. For any questions or concerns regarding the product, please contact our support team.

Support Phone Number: 050-3555-5581

Please have your purchase information and product model number (MP1300) ready when contacting support.

