

INSTRUCTIONS



- 1 Main Power Button
- 2 Car Port: 10A/120W
- 3 2 x PD30W Output, 30W Max
- 4 2 x TYPE-C Output, 30W Max
- 5 AC Button
- 6 3xAC Output: 220V
- 7 LED Button



Short Circuit Protection



Overload Protection



Double IC Protection



Overpower Protection



Over Temperature Protection



Over Current Protection



Under Voltage Protection



Over Voltage Protection

Product Introduction:

Portable Solar Power Station : Rated Power 400W (Peak Power 500W)
Battery Capacity 500WH

- This portable solar power station provides 500wh power capacity with 400W continuous rated power and 500W peak AC output power.
- It is compatible with various application scenarios such as outdoor camping, long distance travel, and home emergency power.

Applications:

- Charging laptop, smart phone, tablet, and other electronic devices.
- Powering small appliances such as light, mini-fridge, and fan.
- Outdoor activities like camping light, flashlight.
- Backup power during emergency or natural disaster

Maintenance and Precautions

1. Please use special charger for power station to charge.
2. If the battery is not suitable for more than three months, please fully charge the battery and place it in a cool and dry place.
3. Falling into water, falling, unauthorized disassembly, puncture, etc. are man-made damage.
4. There is a safety device in the battery pack, please do not disassemble the power station without permission.
5. Short circuit is strictly prohibited at the power interface, and the voltage should not be connected incorrectly.
6. The battery voltage should be controlled within the specified range, if the battery and protection board are damaged due to such case, it will not be after-sale guarantee.
7. Do not disassemble and modify the battery, charger and circuit without authorization, so as to avoid battery damage and danger.
8. It is forbidden to place the battery on wood, plastic and other flammable and explosive items for charging and discharging.
9. The power station can not be placed in wet places and water.
10. Do not drop or drop the power station from high altitude.

Remark :

1. Please don't use the electricity equipment more than power station it's rated power
2. Peak power is instantaneous power, which refers to the maximum power that the power station can output in a short period of time (usually within 20ms)
3. Charger light turn green while finish charging

General Using

1. What devices can the Hikari Adventurer power station power?
All electrical appliances within the rated power 400w can be supported.
2. Can it power multiple devices at the same time?
Yes, it can.
3. Can the Hikari Adventurer power station be used during a power outage?
It can't be connected to a mains socket for use
4. Can it power high power devices, such as refrigerator, electric oven, or air conditioners?
Some mini refrigerator can support, but electric oven and air conditioners at least required 2500W.
5. Can it be used to charge electric cars or power solar cars?
It can't.

Charging and Battery

- How to charge the Hikari Adventurer power station? How long does it take to fully charge?
0-100% fully charged in about 5 hours
- Can I use solar panels to charge the Hikari Adventurer power box? If so, which solar panels are recommended?
Supports solar charging, 18V 200W solar panel + controller recommended.
- Does it support fast charging for smartphones and tablets?
Support
- Can I use the power station while charging?
Can.
- How much power is there when receiving the power station? Do I need to charge it first?
Full charge first before use
- What will happen if the power station is not used for a long time?
The battery will self-discharge. Over time, the battery power will gradually decrease. Excessive self-discharge may cause the battery plate to be vulcanized. It is recommended to charge it regularly: if it is not used for a long time, charge the power station every 2-3 months. Charge once to keep the battery active).
- If you charge it today but use it 2-3 months later, will the battery still have power?
(The battery may still have power after 2-3 months, but the power will be lost. This is because the battery will self-discharge. Even if it is not used, the power will slowly decrease. Recharge it to keep the battery active and you can use it normally.

Battery and performance

- What type of battery does the Hikari Adventurer power station use?
Lithium-ion aluminum.
- What is the life of the battery?
2000-3000 recharge circle.
- How can I confirm if my device is compatible with the Hikari Adventurer Power station?
When the power of the electrical appliance is less than or equal to the output power of the outdoor power station, it is generally compatible; If the power of the electrical appliance is greater than the output power of the outdoor power station, it may not be used normally and may even damage the outdoor power station. However, the power of some electrical appliances will increase instantaneously when they are started. (such as air conditioner), in this case, you also need to consider whether the outdoor power station can withstand the instantaneous peak power.
- Will temperature affect functionality?
Suitable for use in the temperature range of -20°C to 60°C. However, in actual use, too high or too low temperature will affect its performance and battery life.
- How accurate is the battery indicator? Can I apply for warranty if something breaks down?
(100% accurate battery, if power failure occurs, please send spare parts for repair)
- What happens if the power limit (400W) is exceeded?
Power protection and does not work.
- Why did the power station turn off suddenly?
Out of power or the internal motherboard is damaged.
- Can the battery of the Hikari Adventurer power station be upgraded or replaced?
Can't.

Safety and durability

- Is the Hikari Adventurer power station safe to use? Is there overcharge protection?
It has over Temperature Protection, under voltage protection, over current protection, overload protection, short circuit protection, over voltage protection
- Does the power station have built-in protection features, such as short circuit, overload or overheating protection?
Short circuit protection, high voltage protection, high temperature protection, over current protection, overcharge protection, over discharge protection.
- What are the effects of overcharging?
Battery damaged
- Is the power station waterproof? Can it be used in rainy days or outdoor activities?
The power station needs to dissipate heat and is not waterproof
- Is there a warranty? What does the warranty cover?
The host has a 2-year warranty. Overseas parts cannot be guaranteed. Technical guidance is provided. Note: (Scratches or damaged machines are not within the scope of unreasonable returns). The product is not covered by water, self-disassembly, damage, or long-term use in dusty environments. It is within the scope of the warranty. If you disassemble the machine by yourself, we will not be able to accept your warranty service.)

Function

- What interfaces does the Hikari Adventurer power station have?
AC charger, USB 3.0, Type-C, car charger
- Why choose pure sine wave inverter instead of other types?
Pure sine wave does not damage household appliances, but correction wave is easy to damage precision instruments.
- Can the Hikari Adventurer power station be used in the car?
It can. However, it is not recommended to leave any electronic device alone in the car for a long time.
- Does it support the use of three-pin power strips with multiple sockets (such as 3 slots or 4 slots)?
Yes, it support.
- Does it support portable air conditioners?
Air conditioner normally required 2000w-2500w to support.

Maintenance and storage

- How to maintain the Hikari Adventurer power station?
The outdoor power supply should be placed in a dry, well-ventilated place, away from humid environments and direct sunlight to prevent damage to internal components, and clean the power supply regularly. You can wipe the casing with a dry cloth to keep the heat dissipation holes and other locations free of dust and debris to ensure good heat dissipation performance)
- How to store the power station when not in use? Are there any specific recommendations for long-term storage?
Regular charging is critical. Even if it is not used for a long time, the outdoor power supply should be charged every once in a while (such as 2-3 months) to keep the battery active and avoid damage caused by excessive self-discharge of the battery.
- Can I use the power station directly after receiving it, or does it need to be charged first?
Please charge first before use

Other Information

- *When the battery is exhausted, please use the charger to charge in time for about 5 hours until the charger light changes from red to green, indicating that charging is completed.
- *When the charger light shows red, indicating it's in the charging status.

Other Information

How long does the Hikari Adventurer Power Station last under high, medium and low load use? Using 400W continuous power at full load for about 1 hour, using medium load 400W for about 2 hours, and using low load 400W for about 10 hours.

