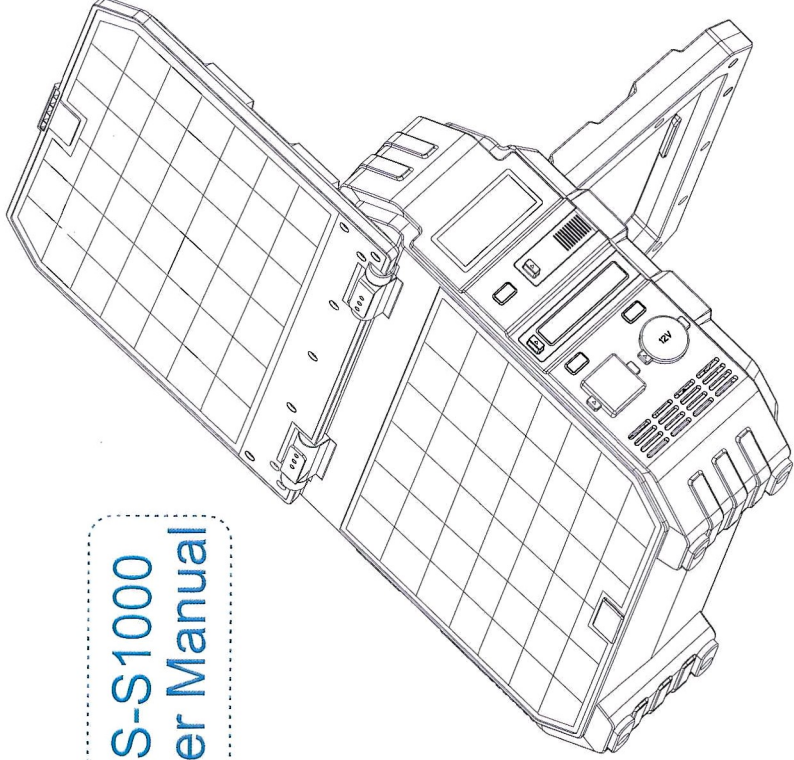


# Portable Outdoor Power Supply

## DS-S1000 User Manual

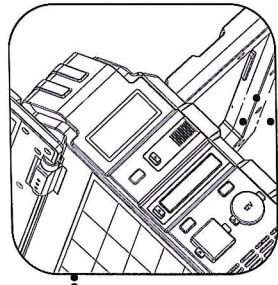


Thank you for choosing Our's Products.

Please read carefully before use.

This Power Supply unit supports DC , USB,AC output.  
Ideally be used for Smart-phones, tablets, portable lightings,  
portable fans,TV , Rice-cooker etc.

※ This product is compatible with most 1000W appliances in the market.

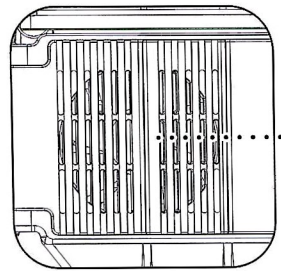


1

High Efficiency Solar Panel

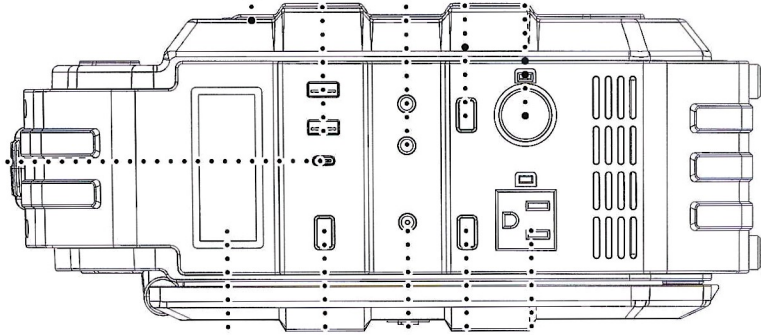
2

TYPE-C Output (Output Only)



3

Fan



4 LCD Display

5 LCD Screen On/Off

6 DC Input

7 AC Output On/Off

8 AC Output Plug

9 USB Output

10 DC Output

11 Output On/Off

12 Car charging Output

13

Stand



DC Charging Indicator Solar



Charging Indicator



Short circuit Protection



Overload Protection



Over Temperature Protection



Fan Indicator



Percentage of Power



Charging Input Power



Charging Output Power



Exchange Side Power

# Product Features

1. Modern and Ergonomic design.
2. Increasing Safety level by using Lithium Iron Phosphate Battery.
3. Large capacity, Portable, Compatible with multiple output.
4. Built-in high efficiency solar panel can be charged anytime, anywhere.

# Cautions

1. Battery level can be checked by pressing **5** once, LCD display will be automatically turned off within 15 seconds.
2. By pressing **11**, OUTPUT DC , 2 USB Outputs, Type-C Output, DC Output and Car Charger Output will be all on and ready for charging any devices. When finish charging, the power supply can be turned off by pressing **11**.
3. By pressing **7**, AC Output will be on and ready for charging any devices. When finish charging, the power supply can be turned off by pressing **7**.
4. When the temperature is too low, it will affect the discharge capacity of the unit, the unit can be charged in the ambient temperature range of 0 ~ 45°C and providing power to electrical appliances within the ambient temperature range of -10 ~ 45°C.
5. The AC output range of this unit is 100-240V, please place the unit out of the reach of children to avoid electric shock accidents.
6. When using **1** the High Efficiency Solar Panel to charge the unit, placing the unit on a flat surface and opening **13** stand to get better dissipate heat.
7. This unit does not support waterproof, please DO NOT use in outdoor when it is raining to avoid any water damages.

8. When using the High Efficiency Solar Panel, please DO NOT press the panel to avoid any physical damages.
9. Please confirm the voltage to match the appliance (label on the back) to avoid damaging the unit.
10. DO NOT disassemble the unit to avoid causing risks of fire, explosion or electric shock.
11. DO NOT expose the unit to fire or high temperature higher than 100°C to avoid fire, explosion or other safety accidents
12. DO NOT place or use the unit under high temperature (i.e., keep the unit under the sun directly or in the car for a long period) it may cause the battery to overheat, damage any parts, and reduce the unit life.
13. Please charge this device or when supplying power to any electrical appliances in a well-ventilated environment. Do not block the air inlet and outlet.
14. It is recommended to fully charge the unit before the first use to avoid any shortage of power. When you do not need to use this unit, please charge the unit once every 3 months.
15. The battery energy of this unit exceeds the 100Wh stipulated in the air transportation regulations, which means this unit cannot be carried on the plane.
16. It is normal for the charger to heat up during charging. The standard charger meets safety standards, please rest assured to use it.

# Specifications

|                     |   |
|---------------------|---|
| Battery Type        | Lithium Iron Phosphate Battery  |
| Capacity            | 24Ah , 25.6V/614.4Wh  |
| Dimensions          | 436mm*339mm*142mm   |
| Net Weight          | 11KG  |
| Input               | DC12-30V/4.5A 135W  |
| Charging Time       | Adaptors DC24V/4.5A up to 6.5 hours<br>Car charger DC12V up to 20 hours<br>Car charger DC24V up to 7 hours<br>Solar panel up to 40 hours ( might be vary )    |
| DC Output           | 2*DC5525 12V/10A ( Max )  |
| USB Output          | USB1:5V/3A 9V/2A 12V/1.5A<br>USB2 :5V/3A 9V/2A 12V/1.5A<br>TYPE-C : 5V/3A 9V/3A 12V/3A<br>15V/3A 20V/3.25A  |
| Car Charging Output | 12V/10A ( Max )   |
| AC Output           | 230V/1000W, Peak 2000W  |
| Working Temperature | -10 ~ 45°C  |
| Cycle life          | ≥3000 times   |
| What is in the box  | 1*Portable Power Bank 1*Bag for Accessories<br>1*Car charging cable 1*Power adapter<br>1*DC Output/Input cable 1*User manual<br>10*DC plug conversion adapter |



# How To Use

## How to check the battery level :

Battery level can be checked by pressing LCD On/Off once, LCD screen will be automatically turned off within 15 seconds.

## How to Charge the unit :

1. Plug the power cable into the DC Input to charge this unit. When charging the unit, the battery level indicator will flash with the current charging voltage. When the battery level indicator stop flashing, the unit is fully charged. Please unplug the power cable.
2. When charge by car:  
Plug the car adapter cable into the DC Input to charge this unit. In order to protect the car battery, please charge this unit with the car running.
3. When charge by solar panel:  
Open the flip cover of the unit to expose the solar panel, and then open the stand so that the solar panel faces the strongest position of direct sunlight to charge the product with solar energy. The charging power depends on the intensity of the sun.

## Power Supply for DC Appliances:

Press the DC output On/Off switch lightly, the LCD display shows OUTPUT DC, connect the equipment that needs to provide power to the corresponding Output.

## Power Supply for AC Appliances:

Press the AC output On/Off switch lightly, the LCD display shows OUTPUT AC, connect the device that needs to provide power to the AC port to power the device.

## Warning :

1. Please make sure that the AC output voltage and AC output frequency of this product match the voltage and frequency of the electrical appliance that being supplied power to avoid damage to the electrical appliance.

2. Please only use this product to supply power to any AC electrical appliances that supported 1000W MAX.
3. When the AC output is not in use, please keep the AC output function off.

## Protection Mode :

### 1. Battery Low Voltage Protection:

In order to protect the battery from over-discharge, when the battery is almost exhausted, all outputs will be automatically turned off. Please charge the unit.

### 2. DC Over-Current Protection:

When the total current exceeds the maximum allowance, the DC output will be automatically turned off and a buzzer will indicate an error. Please remove some electrical appliances and press the DC Output On/Off to restart unit.

### 3. DC Short Circuit Protection:

When the DC output port is short-indicate an error. Please reset the unit by pressing the DC Output On/Off after troubleshooting.

### 4. AC Overload Protection:

When the total power exceeds the maximum power allowance, the AC output will be automatically turned off , a buzzer will indicate an error and an icon will show on the LCD display. Please use any appliances within the rated power range.

### 5. AC Short-Circuit Protection:

When the AC output is short-circuited,the AC output will be automatically turned off, a buzzer will indicate an error and an icon will show on the LCD display. Please reset the unit by pressing the AC Output On/Off after troubleshooting.

### 6. Over-Temperature Protection:

During using AC Output, the fan will start to dissipate the high temperature inside the unit when the unit reaches the deserved temperature due to the environment and the electrical appliance. When the temperature inside the unit is over the deserved temperature, the AC output will be automatically turned off, a buzzer will indicate an error and an icon will show on the LCD display to ensure that the product parts are not damaged. After the temperature is back on deserved temperature, the unit can be used normally .

## Maintenance

1. Keep away from damp and corrosive substances, do not use chemicals to clean this product.
2. Charging the product in time when the power is low.
3. Charging and discharging can increase the temperature of the product, helping the product to be in the best capacity state as much as possible.
4. The best charging and discharging effect of the battery can be achieved when used at an ambient temperature of 5~30°C.

## Common Problems and Solutions

| Faults Phenomenon                 | Faults Resolution  | Solution  |
|-----------------------------------|--|---|
| The unit can not be charged       | The units and products are not well connected(the display doesn't light up to prompt charging) | Check if the charger is well connected to the units     |
| The unit has no output            | The DC/AC Outputs are not on   | Press the AC/DC switch to turn on the output            |
|                                   | No connection between the unit and the devices<br>Battery is low                               | Re-connect the unit with the devices<br>Charge the unit |
| The charging is being interrupted | The rated power is over the output of this unit  | Choose other devices have bigger rated power            |



# Warranty and Support

This product comes with one year warranty.Exclusion

1. The appearance of the product is damaged after use
2. Unauthorized personnel dismantle, modifications, and repairment without authorization
3. Product performance failure due to human reasons.
4. Damage caused by irresistible factors such as natural disasters,lightning, accidents, etc.

## Warranty Card

|                    |                  |
|--------------------|------------------|
| Model No. :        |                  |
| Date of Purchase : |                  |
| Date of Warranty   | Warranty Content |
|                    |                  |
|                    |                  |
|                    |                  |
|                    |                  |
|                    |                  |

## **Certificate**

Model No. : DS-S1000

Inspector : \_\_\_\_\_

