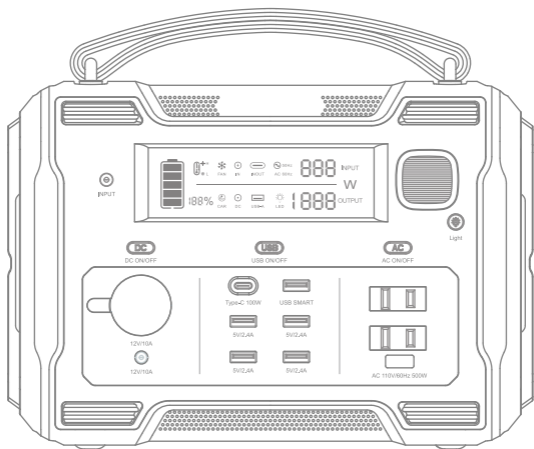


DBPOWER

POWER STATION

USER GUIDE



MODEL: SYD-N036

ACTIVATE YOUR 12-MONTH WARRANTY & GET AN EXCLUSIVE GIFT

Register within 7 days after receiving your new product.

PLEASE VISIT US NOW

→ warranty.dbpowershop.com

CUSTOMER SERVICE

✉ support@dbpowershop.com 🌐 www.dbpowershop.com

A BIG THANK YOU

Thank you for choosing DBPOWER POWER STATION and becoming our valued customer. At DBPOWER, we're committed to providing you with products that enhance your daily life. Happy customers make us proud and we hope that this product will bring you the most convenient and enjoyable experience. If you have any questions or feedback on your new product, just contact our customer support team at 1-855-888-5533, or via email at

support@dbpowershop.com

Enjoy your new product!

CONTENTS

PRODUCT INTRODUCTION	01
LCD SCREEN INTRODUCTION	02
OPERATION INSTRUCTIONS	03
PRODUCT PARAMETERS	06
BATTERY PACK PARAMETERS	07
PROBLEMS AND RESOLUTIONS	07
PACKING LIST	08
PROBLEMS AND RESOLUTIONS	08

PRODUCT INTRODUCTION

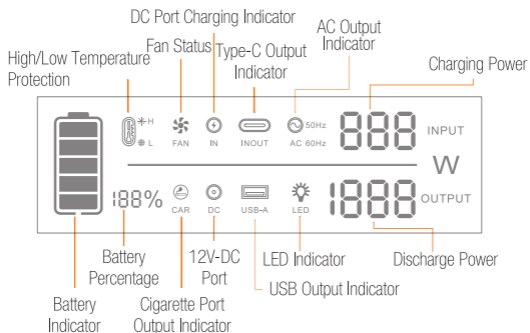
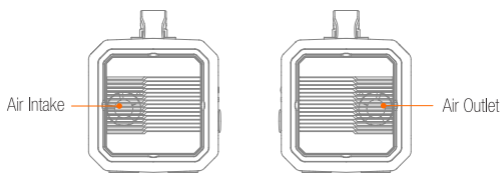
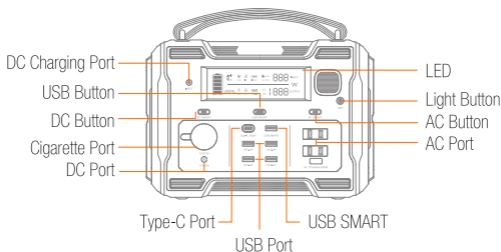
This product is a portable power station, suitable for family emergency power cut, outdoor travel, emergency relief, field work and other scenarios.

The product has a built-in lithium battery, which supports adapter, car charger, photo-voltaic panel and other charging methods, AC port output 110V/60Hz sinusoidal alternating current, and a number of USB ports supply for lighting, ventilator, electric fan, router, notebook and other equipment.



LCD SCREEN INTRODUCTION

LCD Screen



OPERATION INSTRUCTIONS

How to turn on/off the system and check the battery?

- Short press any button to turn on the system, you can check the remain battery power, and switch on the corresponding port output.
- Insert the charger into the charging port to automatically turn on the system, you can check the current battery level.
- When AC/DC/USB/Light output is not in use, ensure that it is turned off, so as not to consume unnecessary power.
- Long press any two buttons(AC/DC/USB/Light button) for more than 1S to force shutdown, this function is invalid when DC is charging.

⚠ NOTES:

- During the first use or long-term non-use situation, if any button fails to turn on the system, please plug into a charger for charging, and try again.
- Fully charge and discharged the device once every 3 months.



How to recharge the device?




※ DC port charging:

- Please plug the standard adapter into DC Input port, LCD screen will light up automatically, indicating the current charging power, in the meantime, the battery indicator icon blinks and the icon lights up. When the charging is finished (the battery percentage is 100%), the LCD screen will turn off automatically.
- Use non-standard adapters, such as optional car charger, photo-voltaic panel, need to be equipped with adapter. Charging voltage range is 12-30V, DC port maximum charging power is 150W.

How to use AC function?



- Short press the AC button to turn it on, showing with the AC110V Output icon  light up, means that the device is ready for supplying power. Another short press AC button to turn it off, the AC110V Output icon  light off.
- 500W rated AC output, 1000W peak power.
- Switching AC output frequency: Long press the AC button for 1.5 seconds to turn off the AC output, then enter the switching mode; The screen flashes at 50Hz and 60Hz, short press the AC button to select 50Hz or 60Hz; Release the button and the system will save the settings automatically after 3 seconds.

NOTES:

- Please carefully check that the appliance's electrical specifications are consistent with the power unit's specifications before use, in order to prevent a danger.
- After using the AC function, please make sure it is well turned off.
- When the output is overloaded or short-circuiting,  flashing, buzzer alarm.



How to use cigarette port and out DC port?

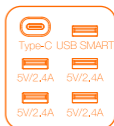
- Plug the qualified cigarette lighter into the Cigarette Port, press the DC button, the Cigarette Port icon  and DC icon  on the screen will light up together, which means
- that the device is ready for supplying power. Short press the DC button to turn off both ports.

When the Cigarette Port and DC5521 Port are turned on at the same time, the maximum total output power is 120W(12V/10A).



How to use USB and Type-C?

- Short press USB button to turn USB-A Port on, which is used for digital devices such as mobile phones, cameras, tablets and so on, when the device is full charged or plugged out, it will turn off automatically.
- Type-C Port: short press USB button, it will automatically turn on after inserting the load, and automatically turn off when remove



How to use the lights?



- Short press the Light Switch to turn on the LED light (normal mode). After that, each short press the Light Switch once, the LED light will turn orderly from normal mode to SOS, flash and turn off the LED light. Long press the Light Switch to turn off the LED Light in any mode.

PRODUCT PARAMETERS

Product Model	SYD-N036
Product Size	276*177*213mm/10.87*6.97*8.39inch
Product Net Weight	5.6KG/12.33lb
Product Color	Black+Orange
Built-in Lithium Battery	Rated capacity 505Wh, rated voltage 21.6V
Charging Input	12-30V 150W MAX
Charging Mode	DC port: 1. Adapter output 12-24V, current 1A above can be used; 2. The maximum power of the photo-voltaic panel is 150W within 30V
	Solar Panels: The charging time depends on the power of the solar panels and the intensity of sunlight
AC Port	110V/60Hz pure sine wave AC output, rated output power of 500W, 1000W peak power, with overload, short circuit protection function, once over the maximum power automatically shut off the output
USB SMART Port	18W fast charging, output voltage 5.0-12.0V
USB Port	5V/2.4A, single port rated 2.4A. 4 USB ports total maximum output current is 6A
Type-C Port	5-20V/5.0A, 100W MAX, according to PD3.0 protocol
DC Port	12V/10A
Cigarette Port	12V/10A
Standby Current	<800uA
Working Environment Temperature	0-45 C /32-113 F
Working Environment Humidity	≤90%RH

BATTERY PACK PARAMETERS

Type of battery	18650 lithium battery
Single cell rated voltage	3.6V
Single cell rated capacity	2600mAh
Battery pack rated voltage	21.6V
Battery pack output voltage range	18.0-25.2V
Battery pack rated capacity	505Wh
Battery pack maintenance	Over 3 months not using, should be recharged once

PROBLEMS AND RESOLUTIONS

Unusual Phenomena	Possible Cause	Possible Cause
Access load buzzer alarm	The connected load exceeds the output capacity of the interface or is short-circuited, triggering overload protection.	The power of the connected device shall not exceed the power of the output interface.
Buzzer sounds during use, temperature icon flashes		1. Please check whether the fan is running normally and ventilated. 2. Please turn off the output and restart the machine when it cools down.
Unable to charge		Please check whether the adapter is well connected to the charging port.

PACKING LIST

Product standard accessories:	Portable power station
	Home charger
	Car charger
	User manual

NOTES

- Children must be accompanied by an adult.
- Do not charge the product with a charging device that does not meet the specified parameters.
- Do not use this product when the output is under short circuiting.
- Please ensure that the air intake and outlet are unblocked when using.
- Do not use near fire, high temperature, humidity, flammable and explosive environment.
- If the battery is swollen, leaking or smelly, stop using it immediately.
- Do not disassemble the product by yourself, otherwise it may cause safety accidents.
- Please turn off the power when the product is idle, store the product in a dry place, away from high temperature and corrosive materials.

DBPOWER



Model NO. SYD-N036 Made in China