骑马钉
尺寸:90*144mm

材质:128g铜板 覆亚膜
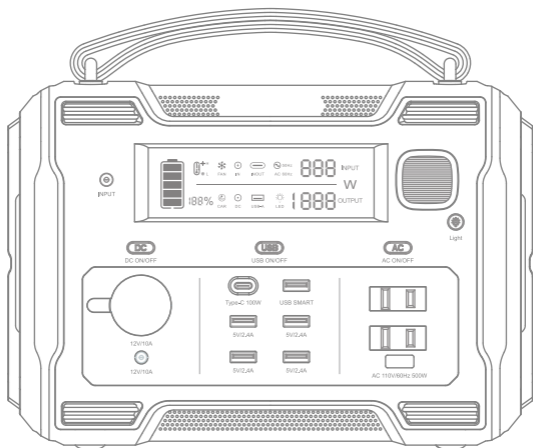PANTONE色号:165C

DBPOWER

POWER STATION

USER GUIDE

MODEL: SYD-N036

ACTIVATE YOUR 12-MONTH WARRANTY

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
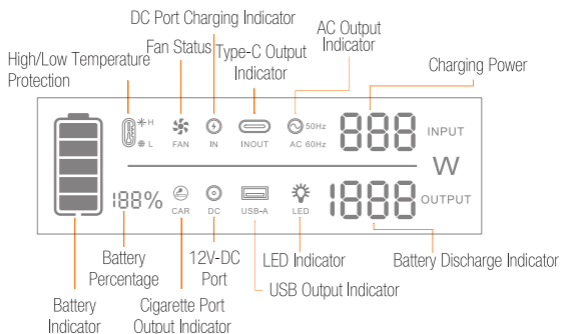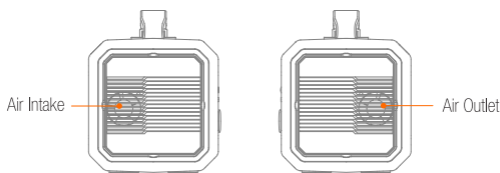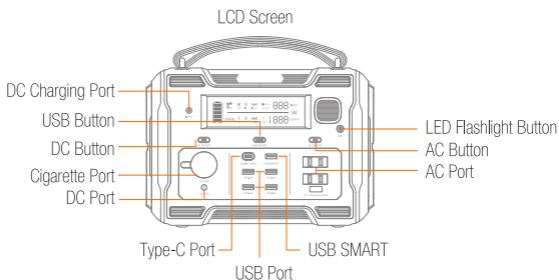
Enjoy your new product!

CONTENTS

PRODUCT INTRODUCTION

DBPOWER SYD-N036 is a rechargeable lithium battery-powered generator for the generation of electric power. It is a great backup in an emergency power cut, outdoor traveling, camping, etc.

AC output: 110V/60Hz sinusoidal alternating current.

PRODUCT OVERVIEW

LCD Screen

DC Charging Port

USB Button

DC Button

Cigarette Port

DC Port

LED Flashlight Button

AC Button

AC Port

Type-C Port

USB SMART

USB Port

Air Intake

Air Outlet

DC Port Charging Indicator

Fan Status

Type-C Output Indicator

AC Output Indicator

Charging Power

High/Low Temperature Protection

*H
L

FAN

IN

INOUT

50Hz
AC 60Hz

888 INPUT

W

CAR

DC

USB-A

LED

OUTPUT

Battery Percentage

12V-DC Port

LED Indicator

Battery Discharge Indicator

Battery Indicator

Cigarette Port Output Indicator

USB Output Indicator

OPERATION INSTRUCTIONS

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

- Short press any button to turn the power station on to check the amount of battery power remaining and switch the required port on.
- 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 to prevent unnecessary power consumption.
- Long press any two buttons(AC/DC/USB/Light button) for more than 1S to force shutdown. This function is invalid when DC charging is in process.

⚠ NOTES:

- If none of buttons are responsive when using the power station for the first time or due to long-term non-use, please charge the power station and try again.
- Fully charge and discharge the device once every 3 months.

Charging power station

◎
INPUT
150W MAX

※ DC port charging:

- Please plug the standard adapter into DC input port. LCD screen will light up automatically indicating the current battery level. The battery icon blinking when charging.. When the charging is finished (the battery percentage is 100%), the LCD screen will turn off automatically.
- Do not use a charger with an output voltage mismatch.
- Charging voltage range: 12-30V
- DC port MAX charging power: 150W

How to use AC output?

- Short press the AC button to turn the 110V AC power supply on. " ⊙ AC " indicator lights up. Short press the AC button again to turn the 110V AC power supply off. " ⊙ AC " indicator lights off.
- Rated AC output: 500W (1000W peak power)
- Switching AC output frequency: Long press the AC button for 1.5 seconds to turn off the AC output and 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 in 3 seconds.

⚠ NOTES:
- Please carefully check if the appliance's electrical specifications are consistent with the unit power specifications before use to prevent dangerous consequences.
- Make sure to turn the AC power supply off when it is not in use.
- In case of overload or short circuit, ⊙ AC indicator flashes, unit generates buzzing noise.

How to use cigarette port and DC output?
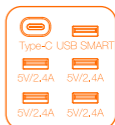
- Plug the cigarette lighter into the cigarette lighter receptacle and press the DC button. ⊙ DC-12V and ⊙ CAR indicators light up simultaneously. The unit is ready for power supply. Short press the DC button to turn the power supply off for both ports.
- When the Cigarette Port and DC5521 Port are turned on at the same time, the maximum total output power is 120W(12V/10A).

OUT 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 connected device is fully charged or unplugged, the USB Port power supply shuts off automatically.

- Type-C Port: When the connected device is fully charged or unplugged, the USB Port power supply shuts off automatically.

Using the LED flashlight

- Short press the LED Flashlight button to activate the LED light normal mode. Click the LED Flashlight button again to switch the mode: Constant Light Mode → SOS (internationally recognized Morse code Rescue signal) mode → Fast Flash Mode → Turn off the LED Flashlight. Press and hold the LED Flashlight button to deactivate any LED light mode.

- Do not shine the flashlight into human eyes to avoid injury, damage to eyes.

SPECIFICATIONS

Product Model	SYD-N036
Dimensions	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; Rated output power: 500W (1000W peak power); In case of overload or short circuit, AC indicator flashes, unit generates buzzing noise.
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℃/32-113℉
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	Recharge it once every 3 months

TROUBLESHOOTING

Problem	Solution	Possible Cause
The unit makes a loud buzzing noise	In case of overload or short circuit, ⟳AC indicator flashes, unit generates buzzing noise.	The power of the connected device shall not exceed the power of the output interface.
Buzzing noise during the use, temperature icon flashes		1.Please check whether the fan is running normally. 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.

PACKAGING CONTENTS

Portable power station
Home charger
Car charger
User manual
DC5521→ 6530 plugs converter

SAFETY PRECAUTIONS

- DO NOT leave children unattended. Adult supervision is always required.
- Do not use a charger with a malfunction or output voltage mismatch.
- Please charge only with the charger specified by the manufacturer. A charger that is incompatible may create a risk of fire or damage to the unit when used with other chargers.
- Do NOT use chargers with no safety certification.
- DO NOT block the air vents during the use.
- Please keep the unit away from flammable liquids, gases, or explosive materials.
- Do not store this product with coins, jewelry, keys, and other metal objects; otherwise, it may damage the product, reduce the charging capacity, shorten the unit lifespan, and even lead to a high risk of explosion.
- Please keep the unit away from dust or dusty substances in a concentrated environment.
- If the battery is swollen, leaking or any smell appears during the use, stop using it immediately.
- Do not disassemble, repair, or modify the product, it will void the warranty. In case of product failure, malfunction, please contact the after-sales service center.
- The product should be stored in a cool and dry environment.
- Please make sure to recharge your Power Station at least every 3 months. Keep the unit turned off and fully charged before a long-term downtime to extend its lifespan.

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