

SEMOKii



PORTABLE POWER STATION

————— User Manual —————

PPS-600



Initial charging

The initial charging is crucial to the battery performance of the product.

Please refer to the user manual for more information.

Safety Warning

Please read this manual before use and always follow the basic precautions below:

- Please read all instructions before using this product.
 - To reduce the risk, close supervision is required when using this product near children.
 - The use of accessories recommended or sold by nonprofessional product manufacturers may lead to a risk of electric shock
 - When the product is not in use, please pull the power plug out of the product socket.
 - Do not disassemble the product, which may cause fire, explosion, injury, and unpredictable risks.
 - Do not use damaged wires or plugs or damaged output cables to connect the product, which may lead to a risk of electric shock.
 - Please charge the product in a well-ventilated place. Do not restrict the ventilation of the product in any way.
 - Please put the product in a ventilated and dry place to avoid the rain. Water inflow may lead to a risk of electric shock.
 - Do not expose the product to fire or high temperature above 140 °C, which may cause an explosion.
- **Keep this manual for future reference.**

This product is designed to offer you the convenience of electricity. Whether you are having a party outdoors, enjoying the fun of photography, or working outdoors, we will bring you unlimited support of power to enjoy life and work.

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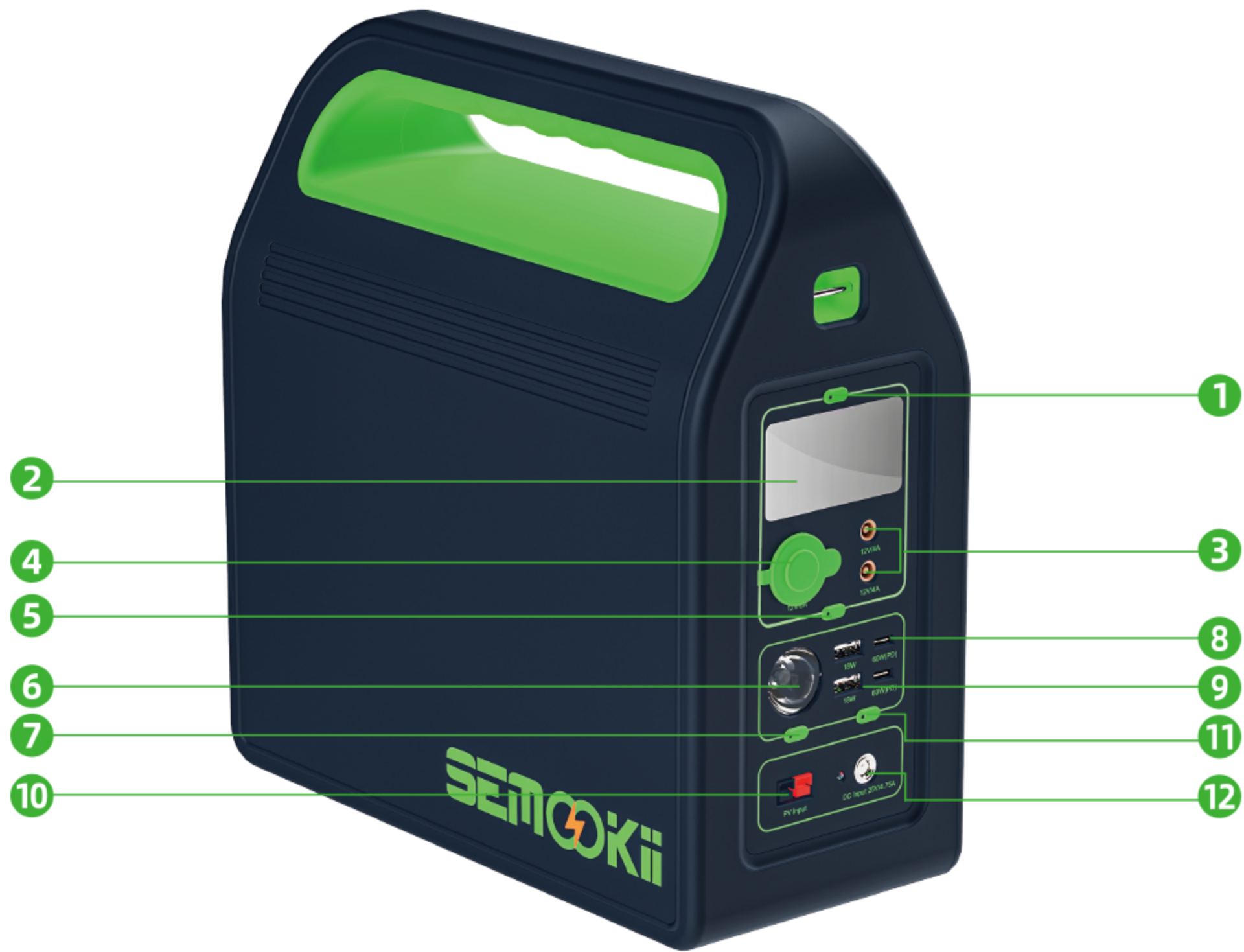
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Warranty and User Contact

This product is a plug-and-play energy storage device, which is used for electronic appliances endurance, medical rescue, or any time you need power. The nominal power of 600Wh can cover the emergency use of electronic products, household appliances, and other electrical appliances.

Product Diagram



Product Demonstration

- ① LCD display switch button (power query/reset button)
- ② Capacity status indicator on LCD
(Check the capacity left at current output before use. If the power capacity is low, please recharge the product in time.)
- ③ DC1/DC2 output: 12V/4A
- ④ Car port: 12V/8A
- ⑤ DC1/DC2 output: 12V/4A Car port / DC output button
- ⑥ LED light
- ⑦ LED light button
- ⑧ Type-C output: 60W (PD) 5V/3A、9V/3A、12V/3A、15V/3A、20V/3A
- ⑨ USB-A output:18W
- ⑩ PV input:12V-30V/4.75A MAX
- ⑪ Type-C and USB-A button
- ⑫ DC input: 26V/4.75A
- ⑬ AC output button
- ⑭ AC output: 110V/60Hz 600W

Charge with AC adapter

Please charge the product with the AC power adapter when you see the remaining power indicator on the LCD display showing low capacity. The LCD display shows the current charging proportion and charging power. When the LCD indicator shows 100%, it means the product is fully charged. The charging process takes about 5 hours. Please use the original charger to charge this product.



Charge with solar power [Optional]

Please charge the product through the DC input port with the solar photovoltaic panel.

To get more solar energy, please try to place the solar photovoltaic panel in a sunny place. Adjust the angle of the solar photovoltaic panel to maximize the charging power.



Operation Guidance

How to use the product :

- Press the power button above the output you will use to turn it on.
- When the output is turned on, the corresponding LED indicator would light up in red. Attention: When AC output is not being used, please press its corresponding power button to turn it off.
- The rated power of the AC output is 600W. Power over 600W will cause the product to cut off automatically for overload protection. When the AC output power reaches 600W, the 12V DC output will be cut off to prioritize the power supply to the AC output.

Working Temperature Range

- Cold weather can influence battery capacity.
The standard temperature range for the product to discharge is between 0°C and 40°C.
If the product is charged at a temperature below 0°C, we suggest it be placed in a dry and insulated environment.
- If the battery temperature is higher or lower than the standard range, the warning indicator on the LCD will light up.

Applicable Equipment

- **USB Output:** Smartphones, digital cameras, tablet computers, etc.
- **12V Car Power Output:** Lamps, automobile adapters, etc.
- **AC Output:** Notebook computers, display screens, household appliances, etc.



Laptop 50W
About 12Hours



UAV
About 10 Times



Digital cameras
40-60 Times



Smart phones
40-60 Times



MINI refrigerator 60W
About 10 Hours



32 inch TV 60W
About 10 Hours



Respiator 40W
About 16 Hours



Tablet PC 15W
About 40 Times

LCD Display

The LCD indicates charging/discharging mode.

- The remaining power indicator on the left: each bar represents 20% of the capacity.
- Input and output power indicators on the right: in Watt
- When the temperature of the product is too high, and the overheating icon appears on the screen.

Storage and Maintenance

If you are not going to use it, please charge it fully before storage at least once every 3 months, and store the product in a dry and cool environment.

Technical Specification

Charging Hours	About 5 hours with the original power adapter
Battery Type	Lithium ion battery
Capacity	540Wh
Life Span	1000 times
Is there a fuse?	Yes
Management system	Temperature control, surge protection, sine wave, short circuit protection

- **Port**

DC Input	26V/4.75A
USB-A Output	18W
Type-C Output	60W (PD) 5V/3A、 9V/3A 12V/3A、 15V/3A、 20V/3A
DC1 and DC2 Output	12V/4A
AC Output	110V/60Hz 600W
Car Port	12V/8A
Solar input	12.5V-30V/4.75A MAX

- **General Specs**

Dimension	285x131x297mm
Weight	About 5.6KG (Net weight)
Working Temperature	-10℃ - 40℃
Charging Temperature	0℃ - 40℃
Warranty	12 Months

FAQ

- **What type of battery does the product use?**

This product uses a power cylindrical 18650 lithium-ion battery.

- **How to tell whether the product is well charged?**

Please press the capacity button to check the remaining power on the LCD.

The product can be charged and discharge at the same time. It can be working without being fully charged.

- **Can I take the product onto a plane?**

No. Since the product contains a large volume of lithium-ion batteries with a maximum power capacity of 540Wh, it is deemed as a dangerous article by civil aviation authorities.

- **How to estimate the duration of the product output?**

Please check the output data on the LCD to calculate the duration.

The calculation formula is:

the maximum power capacity of the product /rated power of the device to be charged×the conversion efficiency of the product

By the output of the product with a maximum power capacity of 540W·h, your electronic device with a rated power of, say,100W can continuously run for $540\text{Wh}/100\text{W}\times 0.8=4.3\text{h}$. (note: 0.8 represents the conversion efficiency of the product.)

Trouble Shooting

If your device is not successfully charged by the product, please follow the steps below:

- ① Make sure the output port is on and the LED indicator above the power button lights up in red.
- ② Check the remaining power indicator on the LCD. If it is at 20% or below, please recharge the product.
- ③ Please check your electronic device's required power to see whether it exceeds the maximum output power of the product.
- ④ Please check your electronic device connection to see whether it is well connected.

Note:

If the screen cannot display well, such as blank or with garbled code, please press and hold the screen switch for about 5 seconds to reboot.

What's in the box

- 1 AC power adapter
- 2 Shoulder Strap
- 3 600W Portable Power Station
- 4 User Manual\ Warranty Card



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