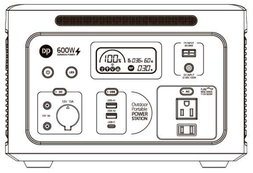
DURATION POWER



PORTABLE POWER STATION
HW1000L / HW600L
USER MANUAL

Before Using A Product, Please Read This User Manual To Ensure Safe Use.
Improper Use May Result In Fire, Property Damage, Or Personal Injury.

TECHNICAL PARAMETERS

Model	DP-HW600L
Battery	Lithium Iron Phosphate 24Ah /22.4V (537.6Wh)
Features	• Integrated BMS • LCD Indicators • Intelligent Temperature Control • Advanced Battery Safety Protections • Short-circuit Overload Protection • Wireless Charger
Input	DC Input:12-26V 100W MAX PV Input (Solar):18V ⎓ 6A
DC Output	• DC5521 output: 12V⎓ 5A • Cigarette lighter output: 12V ⎓ 10A • Wireless charging output: 15W • USB-A output: Support 5V/9V/12V QC3.0 18W(Max) • USB-C output: Support 5V/9V/12V/15V/20V PD 60W(Max)
AC Output	110V~ (US Socket / Multi Socket) / 220V~ (GB / Multi Socket) / 230V~ (VDE Socket) 600W (Continuous Power) 、Overload (650W±30W)、1200W (Peak power)
Size	(L)327x(W)198.5x(H)217.5mm
Weight	≈8.56Kg
Operating Temp.	-10～+40°C
Standard	GB/T 35590-2007

To calculate the working time: Working time = 537.6Wh x 85% (AC output efficiency) / your device power. For example, if your device power is 60W, then the working time would be approximately 7.6 hours (537.6Wh x 87% / 60W).

MULTI SOCKET OUTPUT

US SOCKET OUTPUT

VDE SOCKET OUTPUT

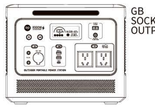
GB SOCKET OUTPUT

TECHNICAL PARAMETERS

Model	DP-HW1000L
Battery	Lithium Iron Phosphate 45Ah /22.4V (1008Wh)
Features	• Integrated BMS • LCD Indicators • Intelligent Temperature Control • Advanced Battery Safety Protections • Short-circuit Overload Protection • Wireless Charger
Input	DC Input:12-26V 180W MAX PV Input (Solar):12-26V ⎓ 8A
DC Output	• DC5521 output: 12V ⎓ 5A • Cigarette lighter output: 12V ⎓ 10A • Wireless charging output: 15W • USB-A output: Support 5V/9V/12V QC3.0 18W(Max) • USB-C output: Support 5V/9V/12V/15V/20V PD 60W(Max)
AC Output	110V~ (US Socke) / 220V~ (GB Socket) / 230V~ (VDE Socket) 1000W (Continuous Power) 、Overload (1200W±30W)、2000W (Peak power)
Size	(L)345x(W)218.5x(H)285.5mm
Weight	≈13Kg
Operating Temp.	-10～+40°C
Standard	GB/T 35590-2007

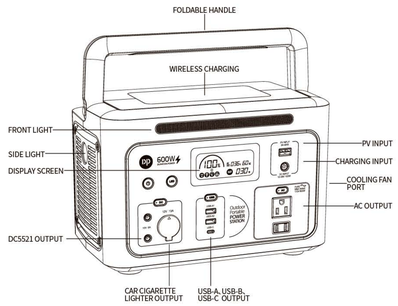
To calculate the working time: Working time = 1008Wh×85% (AC output efficiency) / your device power. For example, if your device power is 60W, then the working time would be approximately 14.3 hours (537.6Wh x 87% / 60W).

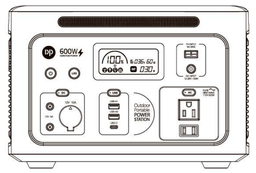
US SOCKET OUTPUT


GB SOCKET OUTPUT

VDE SOCKET OUTPUT

OPERATING INSTRUCTION





DP-HW600L

Power main switch button: Controls the overall power for all functions of the product. After a brief press, the battery level will be displayed, and another brief press will turn the power off.

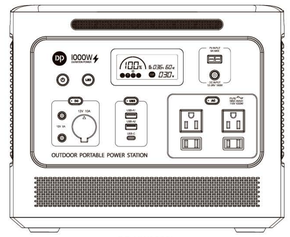
Lighting switch button: Controls the LED front and side lighting, as well as SOS function. The first brief press will turn on the front light in low mode, the second brief press will turn on high mode, the third brief press will turn on side light, and the fourth brief press will activate the side light's SOS function. fifth brief press will turn off the light.

USB button: Briefly pressing the USB button will activate the USB output port, and pressing it again will turn off the output (with short circuit and overload protection).

AC button: Briefly will activate the AC output function, and pressing it again will turn off the output (with short circuit and overload protection).

DC button: Briefly pressing the DC button will activate the DC output port and cigarette lighter output port. Pressing it again will turn off the DC output (with short circuit and overload protection).

OPERATING INSTRUCTION



DP-HW1000L

Power main switch button: Controls the overall power for all functions of the product. After a brief press, the battery level will be displayed, and another brief press will turn the power off.

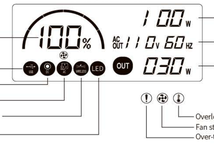
Lighting switch button: Controls the LED front and side lighting, as well as SOS function. The first brief press will turn on the front light in low mode, the second brief press will turn on high mode, the third brief press will turn off the light.

DC button: Briefly pressing the DC button will activate the DC output port and cigarette lighter output port. Pressing it again will turn off the DC output (with short circuit and overload protection).

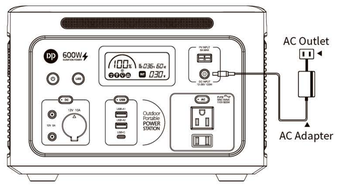
USB button: Briefly pressing the USB button will activate the USB output port, and pressing it again will turn off the output (with short circuit and overload protection).

AC button: Briefly will activate the AC output function, and pressing it again will turn off the output (with short circuit and overload protection).

DISPLAY SCREEN



CHARGING INSTRUCTION



Connect the power adapter to charge the product, charging time is approximately 6-7 hours. During charging, the screen will be lit and display the real-time battery level, with 100% indicating a full charge. It is recommended to fully charge the device every 3 months to maintain its lifespan. The product has a PV (solar charging input). Note that when you first plug in the power, whether it's the solar panel or the adapter, the device may take a minute to detect and adjust its charging circuit before starting to charge from the power source.

Charging with MC4 connectors (Solar panel not included.)

Charging with 12V car charger

Charging with AC100-240V power adapter

PRODUCT CHARGING NOTES

- Use the original power adapter provided by our company to charge the product. We will not be responsible for any damages caused by using other brands of power adapters for charging.
- When charging, please place the product on the ground with no flammable or explosive materials around it. To prevent accidents, it is recommended to charge during the day or when someone is present for easy monitoring.
- Do not charge the product immediately after a long period of heavy use as the product's temperature may be too high. Wait until the product has cooled down to room temperature before charging.
- The charging temperature should be between 0-45°C in ambient temperature.

IMPORTANT SAFETY INFORMATION NOTICE

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with theinstructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more ofthe following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
- The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

To ensure safe operation and service of the meter, follow these instructions. Failure to observe these warnings can result in severe injury or death.

- Use only appropriate power cords.
- Do not expose the product to high temperatures above 45°C or direct sunlight.
- Do not charge or store the product in wet or humid areas, such as bathrooms or rainy device in water or use damaged or leaking batteries.
- Do not submerge the device in water. If the device's battery comes into contact with water, it may trigger a chemical reaction that could cause the battery to catch fire or explode. Do not use swollen, leaking, or damaged batteries, and do not install or remove batteries from the device.
- Do not use the product in strong static or electromagnetic environments.
- Do not disassemble or pierce the product in any way. Otherwise, it may leak, catch fire or explode.
- Handle the product with care and avoid collisions or impacts that could cause damage or short circuits. If the product falls into water during use, immediately remove it and place it in a safe area. Keep a safe distance until it is completely dry. Do not use it again and dispose of it properly according to the battery disposal section below. If the product catches fire, it is recommended to use fire-fighting equipment in the following order: water mist or spray, sand, fire blanket, dry powder, carbon dioxide fire extinguisher.
- Keep the product away from coins, jewelry, keys, or other metal objects that could cause it to short circuit. Do not place heavy objects on the machine. Use and store the device in a clean and dry environment. Keep it away from environments

IMPORTANT SAFETY INFORMATION NOTICE

with concentrated dust or powder. If any plugs or output ports are dirty, clean them with a dry cloth. Otherwise, it may cause abnormal contact, resulting in energy loss or inability to charge.

- Do not put the product in a microwave oven or a pressure container.
- When using the product near children, closely supervise them to reduce the risk of injury.
- Unplug the product when not in use.
- Charge the product in a well-ventilated area and do not restrict its airflow.
- The product may explode when exposed to fire or temperatures higher than 130°C.
- In extreme cases, if the battery leaks, do not let the leaking liquid contact with skin or eyes. If contact occurs, rinse the affected area with plenty of water and seek medical attention promptly.
- Please dispose of this battery product in accordance with national environmental regulations.

CAUTIONS

- For the first use, it is recommended to fully charge the outdoor portable power bank. If the device shows low battery during use, please recharge it as soon as possible. When not using the power port, press the switch button to turn it off to save power.
- If the product is not used for a long time, it is recommended to recharge it every 3 months to maintain the battery level at 60%-80% and store it in a cool and dry place. After long-term storage, perform several charge-discharge cycles to obtain the best performance.
- The DC port will automatically shut down its output 30 minutes after being unloaded.
- The USB port will also automatically shut down its output 30 minutes after being unloaded.
- The AC port's output power is less than 5W, and it will automatically shut down its output 30 minutes later.
- The AC output power rating is 600W (peak 1200W, working time 2 milliseconds) [DP-HW600L]/1000W (peak 2000W, working time 2 milliseconds) [DP-HW1000L]. Please ensure that your device is less than 600W [DP-HW600L]/1000W [DP-HW1000L] when using it.

PRODUCT STORAGE

- Keep the product out of reach of children. If a child accidentally swallows any components, seek medical attention immediately.
- If a low battery warning appears, charge the battery before storing the product.
- Store the product in a dry environment. Do not place the product where it may come into contact with water.
- Ensure no small metal objects are placed on or around the product during storage.

Shipping Note: The product complies with all legal requirements for the transportation of dangerous goods. The lithium battery pack has a capacity exceeding 100Wh. According to international standards, if the product is transported by air, it must be packaged in accordance with the IATA standards for transport. The instructions and labeling requirements of the International Air Transport Association as well as related declarations must be complied with.

It is strictly prohibited to bring it on board an airplane.	Falling is strictly prohibited.
To ensure battery life, please charge and discharge at least once every 3 months.	Disassembling is strictly prohibited.
Please use the original charging cable and charger.	The main body is not waterproof and should not be exposed to bathrooms or rainwater.
Exceeding the working temperature range is strictly forbidden.	Please comply with local laws and regulations for the disposal of batteries and electronic components.

TROUBLESHOOTING

If there is no DC, USB or AC output after the product is turned on, what should I do?
(1) Remove the charging device, charge itself for 5-10 minutes, and then restart;
(2) Please ensure that the operating temperature is within the range.
The product can be turned on, but there is no output from the corresponding DC, USB, or AC port, what should I do?
(1) Check if the product has low battery. If the battery is low, please charge it in time;
(2) Check if the electrical device exceeds the load limit and causes protection. Remove the charging device, restart it,
(3) Confirm whether the output of this product meets the requirements of the electrical device;
(4) Check whether there is a short circuit between the output port and the electrical device. After removing the device, restart it;
(5) Connect the device to another power source to see if it works normally. Some devices may be incompatible.
Unexpected shutdown during use?
This may be due to the internal safety protection system of this product. Overcharge, overdischarge, overheating, overcurrent, low temperature, short circuit, etc. can all cause it to stop working. In this case, simply unplug all electrical devices, let the product sit until the working temperature range is normal, charge the product for 5-10 minutes, check whether the used device is faulty, and then restart it.

MAINTENANCE

- Check it as needed. If this product cannot be used regularly, please charge and discharge it once every 3 months, and leave it in a fully charged state at room temperature. Long-term disuse will affect the entire service life. Regularly check whether all ports and power adapters have any debris, dirt, damage, and corrosion.
- Do not dismantle the equipment without authorization.
- Do not cover the device with towels, clothes, or other items. Regularly observe the side ventilation openings for dust and foreign objects, and clean them according to the cleaning procedure in the manual.
- Make sure the device is disconnected from all input power sources and output devices. Wipe with a clean, dry, soft cloth. Remove any debris, dirt, or other obstructions from both ventilation ports. When removing foreign objects from the side cooling vents, do not allow debris, dirt, or other obstructions to enter the device.
- Do not use corrosive cleaners or solvents.
- Do not use compressed air to clean the side cooling air vents, as it can cause foreign particles to enter and cause a short circuit.

Note: To avoid the risk of electric shock, do not use metal objects to clean the ports.

DISPOSAL/RECYCLING

Do not dispose of the device or its accessories in the trash. Items must be properly disposed of in accordance with local laws and regulations.

Warning:
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- - Reorient or relocate the receiving antenna.
- - Increase the separation between the equipment and receiver.
- - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- - Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.
The device has been evaluated to meet general RF exposure requirement.

	说明书	版 本 号：	V2024-01
		日 期:	2024-01-26
尺 寸:	710x210mm	设 计:	
材 质:	80克双胶纸，四折10页，双面印刷	校 对:	
		审 核:	
印 色:	单色	备 注:	
工 艺:	无		