PORTABLE POWER STATION

Universal Instruction manual
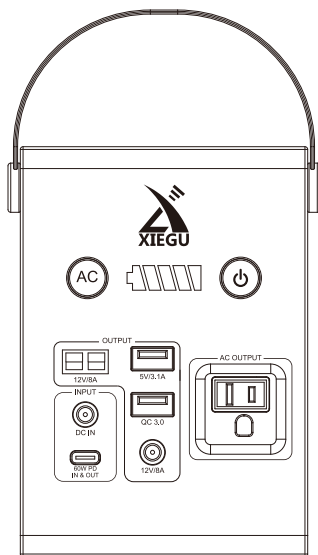
ABOUT THE UNIT

Thank you for applying our multi-function portable power station In case of power failure or you need to charge on a travel, you can temporarily charge your electrical or digital devices with this unit. This unit can provide USB, DC and AC output and with emergency flashlight. You can keep laptops, appliances, lights and Xiegu series products (such as X50S, G106, X6100, G90, GS0C). Before using this unit, please read the user manual carefully and properly keep it for reference.

ATTENTION!

This manual is to help you use the product correctly; it does not represent any description on the hardware and software configuration of the product. About the product configuration, please refer to the contract related to this product (if there is), or consult to the seller that sells the product. Pictures in this manual is for reference only, if there are individual pictures do not match the actual, please prevail in actual products.

The unit provides Modified Sine Wave output

The unit provides Modified Sine Wave output, and can be compatible to AC electric appliance that works with Sinusoidal waveform(power <100W). However, anything that uses an AC motor isn't going to work to full capacity on a modified sine wave. such as an electrical fan, It will even make the electric appliance arouse some noise.Appliances like refrigerators, microwaves, and compressors that use AC motors and some delicate medical equipment will be better off with a pure sine wave inverter. This product is only used for emergency, it cannot replace the normal alternating current, for long-term use, please adapts the power station specification required by electrical appliances.
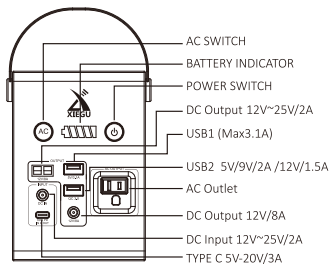
【 I 】 PRODUCT PARAMETERS

Capacity	24000mAh,88.8Wh
Dimensions(LWH)	155*110*110mm
Weight	about 1.03Kg
Built-in Battery	High Quality Lithium ion Batteries
Input Recharging	Adapter: 15V/2A DC:12V~25V/2A
Fully Charged Time	DC15V/2A : about 3 hours
USB Output	1 x USB1: (Max3.1A) 1 x USB2: 5V/9V/2A /12V/1.5A 1 x TYPE C: 5V-20V/3A

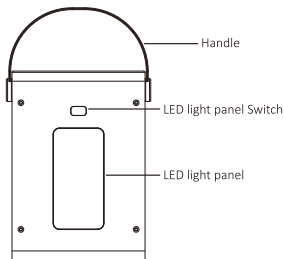| DC Output	DC 12V/8A
AC Output	Modified SineWave Output; AC Voltage: 100/110/120/220/230/240VAC±10% Output Frequency:50/60Hz±10% Attention:Actual AC voltage/Frequency/Outlet(s) are customized according to different Countries and areas.
AC Power	AC Continuous Output: 100W/200W Max
Bulb Type	1 x LED Light Panel
Power Indicator	LED Indicators
Operation temperature	-10 C -40 C
Lifecycle	>500 times
Package include	1 x Portable Power Station 1 x Power Adapter 1 X USB3.0 TYPE-C DATA CABLE 1 x User Manual 1 x Warranty card 1 x Dual-ended power cord 1 x Certificate of Conformity

※ There may be some differences on different spare parts.Please adhere to the actual product instead.
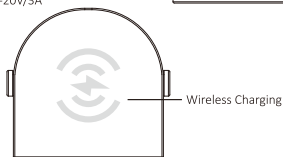
【 II 】 PRODUCT DESCRIPTION

【Front】

- AC SWITCH
- BATTERY INDICATOR
- POWER SWITCH
- DC Output 12V~25V/2A
- USB1 (Max3.1A)
- USB2 5V/9V/2A /12V/1.5A
- AC Outlet
- DC Output 12V/8A
- DC Input 12V~25V/2A
- TYPE C 5V-20V/3A

【Rear】

- Handle
- LED light panel Switch
- LED light panel

【Top】

Wireless Charging

ATTENTION!:AC Outlets,AC output voltage and frequency will be different according to different countries or areas. Please refer to the actual product before using.
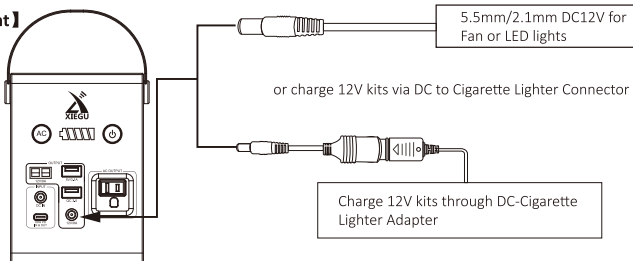
【III】 PRODUCT INSTRUCTION

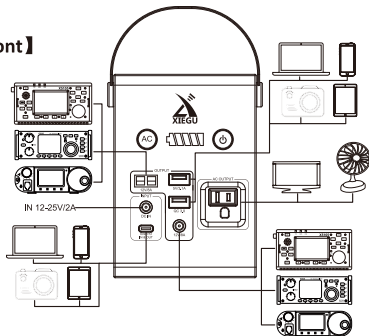**1) How to provide power for DC12V appliances(such as head lamp, Xiegu products, fan) with this product?**
After connecting the electrical appliance to the DC output interface of this product, press the power button (the power white indicator light is on) USB, TYPE-C, wireless charging, and the DC output is turned on . DC output rated Current:8A .

Notices: Please confirm whether your DC12V appliance support charging with 5.5mm/2.1mm DC header interface (The diameter of the DC Port of the Product is: 5.5mm/2.1mm),otherwise it is unable to connect with the DC output, you can consult the electrical manufacturer, buy the corresponding adapter and connect with it.

【Front】

5.5mm/2.1mm DC12V for Fan or LED lights

or charge 12V kits via DC to Cigarette Lighter Connector

Charge 12V kits through DC-Cigarette Lighter Adapter

【Front】

IN 12-25V/2A

WARNING!

※**Note:** The DC output voltage is 12V, output current is 8A.
   Before using this product, please read the voltage range of the equipment. The DC output of this product is 12V/8A. If there is any abnormality in the use of the equipment, please consult the PRODUCT manual of the 12V electrical appliance or consult the manufacturer to confirm the appropriate input value.
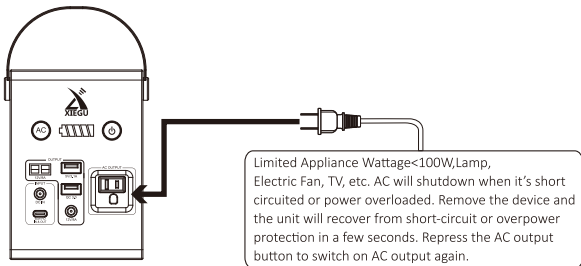
Protection Mode:

Short-circuit/over-currented Protection: If the DC output is short-circuited or over-current-ed(>8A), the unit will shutdown to protect itself. Please clear the problem and press the power button of the unit to recover from protection mode.

2) How to provide power for AC appliances with this product?

Connect the power cord plug of the appliance to the AC interface of this product, first press the power button, and then press the AC button (the AC white indicator lights up) and the AC output is turned on to allow the appliance to supply power to the appliance.

WARNING! The Ac outlets, AC voltage and frequency are different according to different countries ; please carefully check whether the product specifications are consistent with the appliance specifications before use, otherwise it can lead to dangerous situations.

【Front】

Limited Appliance Wattage<100W,Lamp, Electric Fan, TV, etc. AC will shutdown when it's short circuited or power overloaded. Remove the device and the unit will recover from short-circuit or overpower protection in a few seconds. Repress the AC output button to switch on AC output again.

When the AC port is not in use, turn it off to conserve power.

ATTENTION!: AC Outlets,AC output voltage and frequency will be different according to different countries or areas. Please refer to the actual product before using.

ATTENTION!:When AC AC is used, DC12V cannot be used at the same time to supply power to Xiegu products, which will cause great interference.

Protection Mode:

Short-circuit/Overpower Protection: If the AC output is short-circuited or overpowered(Load(s) power>100W), the unit will shutdown AC output to protect itself. Please clear the problem and re-press the AC button for AC output.

※ Some devices, such as refrigerator, ice maker or a laser printer may require a surge power to start or work during a very time period, the surge power could exceed 120W or even higher, this could cause overpower protection with this unit. Please remove the devices and consult with the device manufacturers for more information. Please clear the problem and re-press the AC button for AC output.

3) How to provide power for USB digital appliances with this product?

Connect the standard USB cable of digital appliance to the USB output of the unit, press the" ⏻ " to turn on USB output.

Notice: Some smart devices, such as Bluetooth headphones and LED lights require very small input current to charge, which could be less than 150mA. The unit may fail to charge these kind of smart devices due to detection current limitation by the USB output ports. On this occasion, user can long press the power button "DC"for 3-5 seconds to keep the USB port output running. Please turn off the power when the smart devices are fully charged to save power.

Quick Charge Output: This product supports Qualcomm QuickCharge 3.0 and USB C PD(Power Delivery)Output, support: 5V/2A,9V/2A,12V/1.5A 60W max output for smartdevices which also support Qualcomm QuickCharge 3.0 or USB PD Protocol. The actual output voltage and current depends on the actual smartdevices, it can be obtained by consulting the smartdevice manufacturer.

4) How to use the LED light panel

This unit is built in LED light panel.Press the " ⌾ " button to switch on LED light panel ,Tap the reading light 50% brightness once, tap 100% brightness twice, tap the flash mode three times, tap the SOS distress mode four times to flash, tap five times to turn off the light

**Warning!Do not point directly at the eyes of human in case of any damage due to the strong light.**

Switch on LED Light → Higher brightness → Flash mode → SOS mode → Switch Off
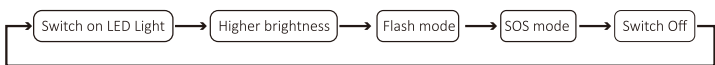
5) How to charge the unit?
### a. Charge through AC Wall Charger[not included]

Using the included AC Wall Charger, plug the unit into any wall outlet to charge the unit. You will know the unit is charging when the blue LED battery indicators are blinking. The unit is fully charged when all battery indicators stop blinking and remain solid. After the unit is fully charged, please remove the AC wall charger in time.

【Front】

AC Socket

AC Adapter (charger)
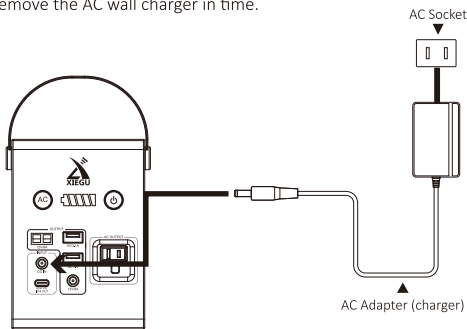
b. Charge from solar panel[not included]

1. Make sure Voc(open circuit voltage) of the solar panel does not exceed 23V.
2. Place your solar panel where it will get as much direct sunlight as possible.
3. Plug the output of the solar panel into the input of the unit to start charging.You will know the unit is charging when the blue LED Battery Indicator lights up and blinks. The unit is fully charged when all battery indicators stop blinking and remain solid.

【Front】

Input Charging
DC 12V~25V/2A

DC plug
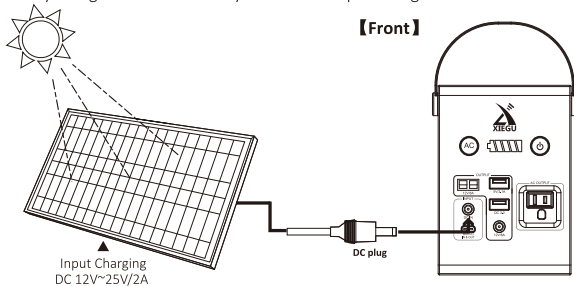
【 IV 】 SECURITY AND MAINTENANCE

a) Do not short-circuit the unit. To avoid short-circuiting, keep the unit away from all metal objects (e.g. coins, hair-pins, keys, etc.).

b) Do not heat the unit, or dispose of it in fire, water or other liquids. Keep away from high temperatures. Do not expose the unit to direct sunlight.

c) Keep away from high humidity, dusty places.

d) Do not disassemble or reassemble this unit.

e) Do not drop, place heavy objects on, or allow strong impact to this unit.

f) This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

g) Children should be supervised to ensure that they do not play with the appliance.

h) Do not cover the device with towels, clothing and other item.

i) The unit may become hot when charging. This is normal. Use caution when handling.

j) Do not charge the unit over the required time.

k) Disconnect the unit when fully charged.

l) Use the unit properly to avoid electronic shock.

m) Please deal with scrap products in accordance with the regulations, do not treat the built-in battery as a household garbage, so as not to cause the explosion and pollution.

n) The product is only used for emergency situations, it cannot replace the standard DC or AC power of household appliances or digital products.

【 V 】 PRODUCT APPLICATION SKILLS

a) This product is built in high quality original lithium ion battery, it has no memory effect but high-capacity, and it is durable. However, we still recommend you toapply in the range of 10 ℃ ~30 ℃, so as to obtain the optimal charging capacity.

b) When charging, in order to avoid interference, please stay away from TV, radio and other equipment.

c) If the device has not been used for a long time, please disconnect the cable and store.

d) Some portable devices may need to be set in charge mode to charge, see the corresponding equipment use manual for more information.

e) In order to extend the life of product (lithium battery), it is best to charge within 3 months, and charge at least once within 6 months.

f) If this unit is switched on, and while the light panel, AC and USB are not in use, it will automatically shut down in 17 seconds.

Cold Weather Usage

Cold temperatures (below freezing) can affect the unit's battery capacity due to chemical characteristics of the battery. If you'll be living off-grid in sub-zero conditions, we recommend you keep your unit in an insulated cooler, and connected to a power source (solar panels). The natural heat generated by the unit contained in an insulated cooler will keep battery capacity at its highest.

Recycle

Always return your used electronic products, batteries, and packaging materials to dedicated collection points. This way you help prevent uncontrolled waste disposal and promote the recycling of materials.

Battery information

Your device has and internal, non-removable, rechargeable battery. Do not attempt to remove the battery, as you may damage the device.
The battery can be charged and discharged over 500 times, but it will eventually wear out.

Statement

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FC RoHs

MADE IN CHINA