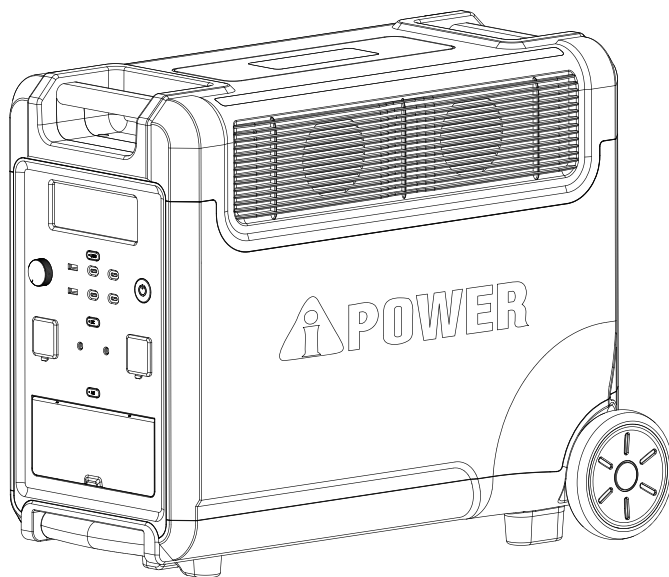




PORTABLE POWER STATION Owner's Manual



Model: _____

Serial: _____

Date Purchased: _____

P/N: 00066-MA90-00

Model # GS6000i

Rev:00

KEEP THIS MANUAL FOR FUTURE REFERENCE

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INTRODUCTION

Read This Manual Thoroughly

WARNING



Read and understand manual completely before using product. Failure to completely understand manual and product could result in serious injury.

If any section of this manual is not understood, contact customer service at 1-787-251-3131, or www.tuplantapr.com for starting, operating and servicing procedures. The owner is responsible for proper maintenance and safe use of the unit.

SAVE THESE INSTRUCTIONS for future reference. This manual contains important instructions that must be followed during placement, operation and maintenance of the unit and its components. Always supply this manual to any individual that will use this unit.

The information in this manual is accurate based on products produced at the time of publication. The manufacturer reserves the right to make technical updates, corrections and product revisions at any time without notice.

WARNING

Lithium-ion batteries and products that contain lithium-ion batteries can expose you to chemicals including cobalt lithium nickel oxide, and nickel, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

SAFETY

The words DANGER, WARNING, CAUTION, and NOTICE are used throughout this manual to highlight important information. Make sure that the meanings of this safety information is known to all who operate, perform maintenance on, or are near the portable power station.



This safety alert symbol appears with most safety statements. It means attention, become alert, your safety is involved! Please read and abide by the message that follows the safety alerts symbol.

The manufacturer cannot possibly anticipate every possible circumstance that might involve a hazard. The warnings in this manual and the tags and decals affixed to the unit are therefore not all-inclusive. If you use a procedure, work method or operating technique that the manufacturer does not specifically recommend you must satisfy yourself that it is safe for you and others. You must also make sure that the procedure work method or operating technique that you choose does not render the generator unsafe.

DEFINITIONS AND SYMBOLS

DANGER

Indicates a hazard which, if not avoided, will result in death or serious injury.

WARNING

Indicates a hazard which, if not avoided, could result in death or serious injury.

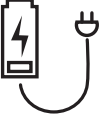
CAUTION

Indicates a hazard which, if not avoided, could result in minor or moderate injury.

NOTICE

Indicates information considered important, but not hazard-related (e.g., messages relating to property damage).

ATTENTION

	Not permitted on airplanes		Use original or certified charger & cables
	To preserve the battery lifespan, use & recharge at least once every 3 months		Avoid extreme temperature
	Dispose of batteries and electronic goods in accordance with local regulations		Do not expose to liquids
	Avoid dropping		Do not disassemble violation space may cause electric shock or product damage
	Please use PPS between 20%-90% battery volume to achieve longer service life and better performance.		Please keep away from heat source, fire, inflammable gas or the liquid, and please do not expose to the blazing sun for long time

DISCLAIMERS

Our company cannot be held liable for damages caused by fire, earthquake, use by a third party, other accidents, intentional misconduct on the part of the customer, abuse or other abnormal conditions. Do not repair any damage to the AC plug or power supply on your own. The warranty covers all terms and conditions of the warranty. Contents that are not specified in the warranty terms and conditions are beyond our responsibility. Our company assumes no liability for damage caused by incorrect use or non-compliance with this instruction manual.

INTENDED USE

The GS6000i Portable Power Station is a power supply for electronic devices with a maximum power consumption of 3600W. Our product is not suited for use with equipment that relates to one's own personal safety and relies heavily on electricity, such as medical devices, equipment for nuclear facilities, manufacture of air and spacecraft, etc. We assume no liability for accidents involving personal safety, fires, or machine failures caused by using our product with the aforementioned devices.

GENERAL SAFETY PRECAUTIONS

DANGER

- DO NOT charge, use or store the unit in a bathroom or in an area exposed to rain or moisture.
- DO NOT disassemble, repair or modify the unit or the battery.
- DO NOT place the unit close to or in a fire or expose it to heat. Keep out of direct sunlight. Only use the output socket to power external devices. Never connect the output to mains power under any circumstances.
- DO NOT touch the unit or the plug-in points if your hands are wet.
- DO NOT use any inappropriate or damaged power cords.
- DO NOT operate the unit above the specified input voltage.
- DO NOT use the unit if it is not functioning correctly.
- DO NOT move the unit if it is recharging or in use.
- DO NOT connect any metallic objects to the AC input or output.
- DO NOT rub your eyes if fluid from inside the unit gets on your hands
- DO NOT dispose the unit together with household waste.

WARNING

- Use and store the unit only in a clean and dry environment. DO NOT use and store in dusty or wet environment.
- Check the unit prior to every use. DO NOT use the unit if it is damaged or broken.
- DO NOT use the unit if the power cord is damaged or broken.
- DO NOT use or store the unit in an area or environment with high temperature.
- DO NOT charge the unit via power supply systems that operate outside of 100-120V.
- DO NOT place the unit on its side or upside down while in use or storage.
- Keep the unit away from children. DO NOT let children use the power supply unit.
- Keep this product away from pets.
- Should fluid from inside of the unit come in contact with your skin or clothing, wash the affected areas with tap water
- In a storm, unplug the power cord from the socket.

CAUTION

- Make sure that the device you are connecting is switched off before you connect it.
- Only charge, use and store the unit within ambient temperature of 0 to 40°C(32°F-104°F)
- Make sure that the unit is properly secured when transporting it in a motor vehicle.
- If rust, peculiar odors, overheating or other abnormal circumstances are observed, stop using the unit immediately and contact our customer service team.
- Carefully read the instructions for the electric devices that you intend to connect to your portable power station.
- Turn the unit off immediately if it has accidentally fallen, was dropped or was exposed to vibrations.

WARNING

This product can expose you to chemicals which are known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov

ATTENTION

Ce produit peut vous exposer à des produits chimiques reconnus par l'état de la Californie comme pouvant causer le cancer. Pour plus d'informations, visitez www.P65Warnings.ca.gov

ADVERTENCIA

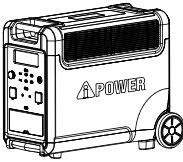
Este producto puede exponerle a sustancias químicas que el Estado de California reconoce como cancerígenas. Para obtener más información, diríjase a www.P65Warnings.ca.gov

MAIN SPECIFICATIONS	
Model Number	GS6000i
Capacity	3840Wh (80Ah,48V)
Peak Output(AC)	6000W
Rated Output(AC)	3600W
Rated Output(DC)	604W
Rated Output(AC + DC)	4204W
Battery Cell	20Ah, 3.2V
Battery Cell Chemistry	LiFePO4
Total mAh	1,200,000mAh
AC Output Voltage	120V
AC Output Frequency	60Hz
Sine Wave Type	Pure Sine Wave
Life Cycle	4000+ Cycles at 80% Capacity
Wall Charging Time at 1500W Input	0% To 80% Within 2.3hrs 0% To 100% Within 3.2hrs
Charging Temperature	0°C to 40°C (32°F to 104°F)
Discharging Temperature	-10°C to 40°C (14°F to 104°F)
Certifications	FCC-MSDS-BC-UN38.3
BMS Protections	• High Temperature • Low Temperature • Over Load Protection • Over Voltage • Under Voltage • Overcharge • Overcurrent • Short Circuit
Warranty	5 Years (Residential)
Net Weight	90.4lbs

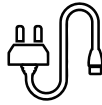
* PURE SINE WAVE

The output voltage of a sine-wave inverter has a sine wave -form like the sine wave-form of the mains/utility voltage. In a sine wave, the voltage rises and falls smoothly with a smoothly changing phase angle and also changes its polarity instantly when it crosses 0 Volts. The unit provides Pure Sine Wave output and can be compatible with AC electrical appliance that works with Sinusoidal waveform. Appliances that use an AC motor are going to work to full capacity on a pure sine wave, such as an electrical fan. Appliances like refrigerators, microwaves, and compressors that use AC motors and some delicate equipment will be better use with our pure sine wave inverter.

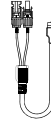
WHAT'S INSIDE THE BOX



Portable Power Station



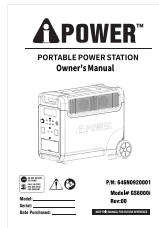
AC Wall Charging Cable
IEC 60320 C13
Female Socket to 5-20P



Solar Charging Cable XT90
Female Socket to MC4

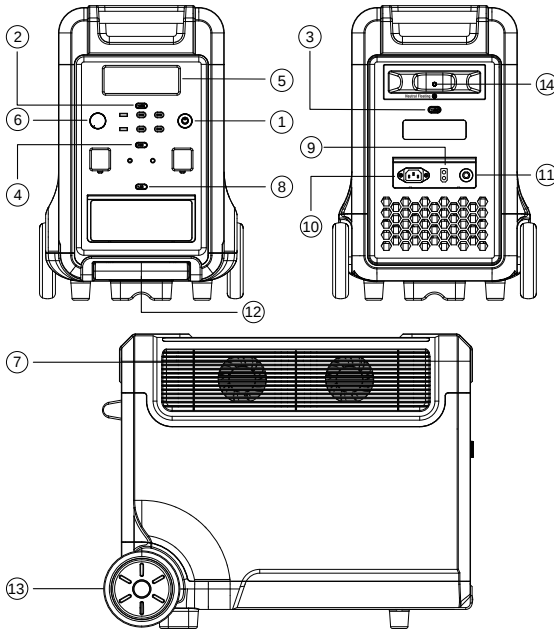


Car Charging Cable XT90
Female Socket to Cigarette
Lighter Male Plug



User Manual

GET TO KNOW YOUR GS6000i



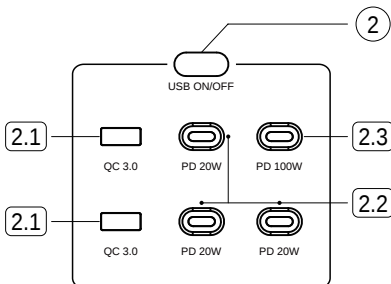
- ① Main Power ON/OFF Button
- ② USB Power ON/OFF Button
- ③ LED Light ON/OFF Button (switch to different modes)
- ④ 12V DC Power ON/OFF Button
- ⑤ LCD Display (Data Center)
- ⑥ Charging (Input) Power Knob
- ⑦ Cooling Fans
- ⑧ AC Power ON/OFF Button
- ⑨ XT90 DC Input (for solar panel and car charging)
- ⑩ AC input (wall charging)
- ⑪ Overload Protection Circuit Breaker
- ⑫ Telescopic Handle
- ⑬ Wheels
- ⑭ Ground Terminal

① Main Power ON/OFF Button (with LED Indicator Light)

Instructions: Press and hold the power button for 3S to turn on the system. Turn on the LCD display, and press and hold again for 3s to turn off.

② USB Power ON/OFF Button (with LED Indicator Light)

Instructions: Short press the USB button to turn on the USB DC output port, and short press it again to turn it off.



- 2.1 USB-A QC3.0 (x2) 5V/3A, 9V/2A, 12V/1.5A, 36W Max
- 2.2 USB-C 20W (x3), 5V/3A, 9V/2.22A, 12V/1.67A, 60W Max
- 2.3 USB-C 100W, 5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/5A, 100W Max

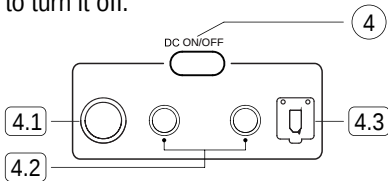
NOTE: Max output from this section is 196W

③ LED Light ON/OFF Button (with LED Indicator Light)

- Press the button once to turn light ON
 - Press the button again to enter to the SOS mode
 - Press the button a third time to enter to the blinking mode
- At any mode, long press will turn light OFF

④ 12V DC Power ON/OFF Button (with LED Indicator Light)

Instructions: Short press the DC button to turn on the DC output port, and short press it again to turn it off.

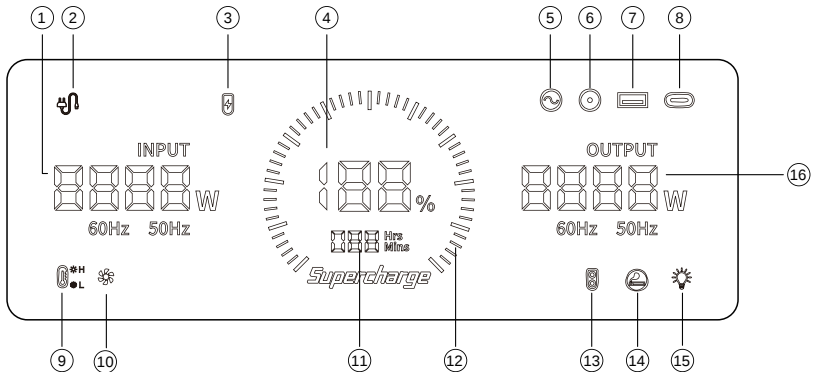


- 4.1 Cigarette lighter output 12V/10A, 120W Max
- 4.2 DC5521 (x2) output 12V/3A, 72W Max
- 4.3 XT60 output 12V/25A, 300W Max

NOTE: Max output from this section is 408W

⑤ LCD Display (Data Center)

Display the product's battery level and usage status tips.



- | | |
|--|-----------------------------------|
| 1.Charging (Input) Power in Total | 9.High/Low Temperature Protection |
| 2.Connected to the AC Main IEC 60320 C14 | 10.Fan Status |
| 3.XT90 Input | 11.Remain Using/Recharging Time |
| 4.Battery Level Percentage | 12.Battery Level Progress Bar |
| 5.AC Output | 13.XT60 (12V) Output |
| 6.DC5521 (12V) Output | 14.Cigarette lighter (12V) Output |
| 7.USB-A Output | 15.LED Light |
| 8.USB-C Output | 16.Output Power in Total |

Power display: When the product is in the charging state, the battery level progress bar rotates continuously in the form of a clockwise marquee, and the battery level percentage gradually increases; when the product battery level is 0, the battery level percentage icon flashes.

Input and output status: When the product is working, the total input power, total output power and the cursor corresponding to the working area will be displayed on the screen.

Alarm prompt: See the following troubleshooting table for details.

Phenomenon	Cause	Processing method
 The above output icons flashes and beeps.	The output exceeds the standard and it's short-circuited.	Remove the load, and then short press the switch (button) in the area corresponding to the icon to remove the alarm.
 The temperature warning icon flashes and beeps.	The temperature of the product is too high or too low.	Take the product out of the charging state remove all loads, turn the power off, wait for the device to reach a suitable working temperature, then the alarm is removed.
 The icon of connecting to the AC main flashes and the product cannot be charged.	The charging cable is poorly connected.	The overload protection function is enabled.

⑥ Charging (Input) Power Knob

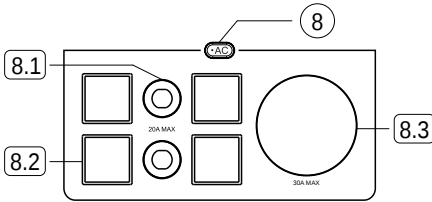
When the product is connected to the AC mains for charging, the charging power can be adjusted according to the actual input voltage. The clockwise rotation of the knob increases the input power, and the counterclockwise rotation decreases the input power. More input power, means faster charging or shorter time. It is worth noting that charging this product at low power is beneficial for extending battery life.

⑦ Cooling Fan (Suction/Exhaust Ports)

When the product reaches the temperature threshold set by the system, the cooling fan will automatically run, accompanied by a certain fan noise (fan noise below 60dB is normal). Do not block the cooling suction/exhaust port during use of this product, and do not place any object within the range of 12 inch.

⑧ AC Power ON/OFF Button (with LED Indicator Light)

Press the AC button to enable the AC output function.



8.1 20A (x2) Circuit Breaker

8.2 5-20R (x4) output 120V/20A, 3600W Max

8.3 TT-30R output 120V/30A, 3600W Max

NOTE: Max output from this section is 3600W

⑨ XT90 DC Input (Solar Panel and Car Charging)

This interface supports solar panel input or car charging input.

The input of the solar panel can be up to 2000W and the maximum voltage is 160V.

It would be outside the scope of warranty, if the equipment is damaged by exceeding the maximum voltage.

⑩ AC Input (IEC 60320 C14 Male Plug)

1500W fast charging with a household socket can perform a 100% charge within 3.2 hours.

- ※ The charging of this product can directly use the socket on the wall, etc. Please do not use extension cords and cable taps to connect several devices at the same time.
- ※ Using a cable tap to charge several devices at the same time will cause a large current to flow, causing cable breakage and fire risk.
- ※ Do not use the same socket to connect other devices while charging this product. In general, when the AC input exceeds 20A, the safety circuit breaker will trip.

⑪ Overload Protection Circuit Breaker

When the power supply current is unstable due to lightning or other reasons, and there is a large current input at the AC Input, in order to protect the product, the overload protection function (safety circuit breaker) will activate and cut off the AC input port.

Please follow the sequence below to restore the AC input function:

- 1) Turn off the main power ON/OFF button and unplug all electrical loads.
- 2) After confirming that there is no abnormality in each part, turn on the main power ON/OFF button.
- 3) Press the overload protection button, connect the electrical loads.

⑫ ⑬ Handle & Wheels

This product is designed for easy transport and mobility with telescoping handle & wheels.

⑭ Ground Terminal

A ground terminal has been provided on this model to ground this product. Grounding your unit must be properly connected to an appropriate ground to help prevent electric shock.

The ground system of this product is Neutral Floating which means Neutral circuit IS NOT electrically connected to the frame/ ground of the Power Station.

WARNING

Failure to properly ground this product can result in electric shock.

For remote grounding, connect a length of heavy gauge copper wire between the Power Station's ground terminal and a copper rod driven into the ground. We strongly recommend that you consult with a qualified electrician to ensure compliance with local electrical codes.

USING YOUR PORTABLE POWER STATION (PPS)

Press and hold the main power ON/OFF button for 3S to turn on the unit. The button will illuminate when it is ON. The LCD display (Data Center) lights up and displays necessary information. The unit is now in standby mode and ready to use. Double click the main power button to deactivate the LCD display to save energy (Energy Saving Mode). Press and hold the main power ON/OFF button for 3S to turn off the unit.

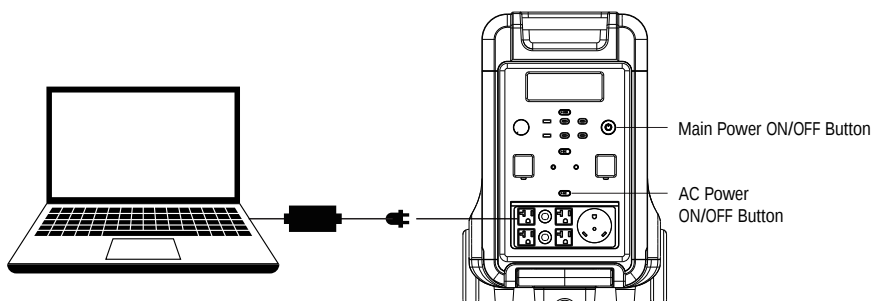
USING AC OUTPUT (120V)

Before use, plug your PPS into the wall until it is fully charged.

1. Make sure the appliance you are plugging in is turned off.
2. Connect the power cable plug of the electrical appliance to the AC outlet (s) of the PPS.
3. Press and hold the main power ON/OFF button for 3S to turn on the PPS. The button will illuminate when it is ON.
4. Press AC power ON/OFF button. The button will illuminate when it is ON. The LCD display indicates AC output icon (🔌).
5. Turn AC appliance ON. The LCD Display will display real-time wattage of the appliances.
- 6- When finished:
 - Turn off AC appliance
 - Press AC power ON/OFF button to turn the AC outlets off (If you leave the AC Power button ON it will drain the battery)
 - Press and hold the main power ON/OFF button for 3S to turn off the PPS and remove power cable.

NOTICE: If the total output exceeds 5400W, the power station will automatically shut off. Please ensure the power consumption is less than 5400W, then press the AC power ON/Off button.

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.



USING USBS AND 12V DC OUTPUTS

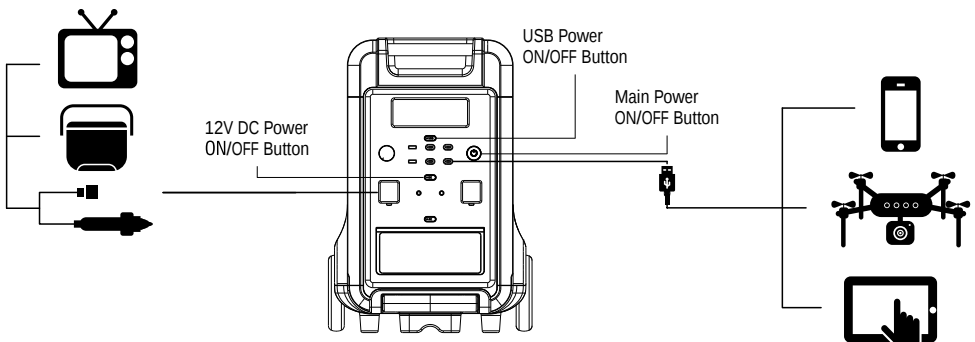
Before use, plug your PPS into the wall until it is fully charged.

1. Make sure the electric device that you are plugging in is turned off.
2. Connect the power cable plug of the DC electrical device to the DC outlets or USBs of the PPS including:
 - USB-A QC3.0 (Qty:2)
 - USB-C PD-20W (Qty:3)
 - USB-C PD-100W (Qty:1)
 - DC5521 outlet (Qty:2)
 - XT60 outlet (Qty:1)
 - Cigarette lighter (automotive) outlet (Qty:1)
3. Press and hold the main power ON/OFF button for 3S to turn on the PPS. The button will illuminate when it is ON.
4. Press USB power ON/OFF button for USBs or DC power ON/OFF button for DC Outlets. The buttons will illuminate when they are ON. The LCD display indicates USB icon  or DC icon . The LCD Display will display real-time wattage of DC electric devices.

When finished:

- Turn off DC electric device
- Press DC power ON/OFF button and USB power ON/OFF button to turn off the DC outlets and USBs (If you leave the buttons ON it will drain the battery)
- Press and hold the main power ON/OFF button for 3S to turn off the PPS and remove power cable

NOTICE: If the total output exceeds the wattage output of the DC outlet, the power station will automatically shut off. Please ensure the power consumption is less what the outlet is rated for before using the device.



RECHARGING YOUR PORTABLE POWER STATION (PPS)

Your PPS can be recharged by:

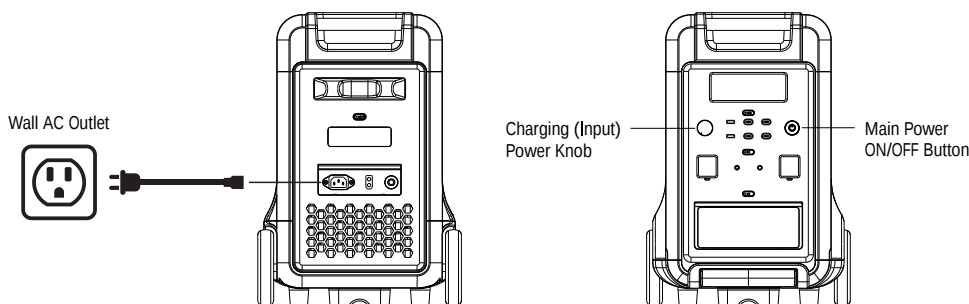
1.AC Charging (using the included AC wall charging cable)

-Plug your PPS into the standard wall outlet to charge the unit.

-Press and hold the main power ON/OFF button for 3S to turn on the PPS. The button will illuminate when it is ON.

-Use the charging (input) power knob to adjust charging power. The charging power is adjusted according to the actual input voltage. The clockwise rotation of the knob increases the input power, and the counterclockwise rotation decreases the input power. More input power means faster charging or shorter charging time. It only takes 3.2 hours to fully charge from 0 to 100% when the input power knob is on 1500W. It is worth noting that charging this product at low power is beneficial for extending battery life.

-Power display in LCD display (Data Center): When the product is in the charging state, the battery level progress bar rotates continuously in the form of clockwise marque, and the battery level percentage gradually increases; when the product battery level is 0, the battery level percentage icon flashes. When the product is working, the total input power, total output power and the cursor corresponding to the working area will be displayed on the screen.



2.Solar Panel Charging (using the included solar charging cable)

Under condition of sunlight, this product can be connected to the solar panel and can be charged through the solar panels.

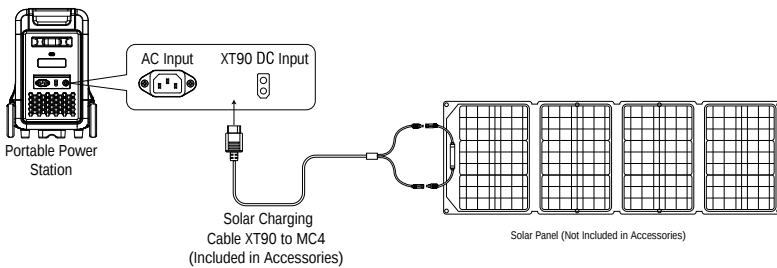
The input of the solar panel can be maximum 2000W, maximum voltage 160V.

※ The charging power of the solar panel is determined according to the weather and other conditions.

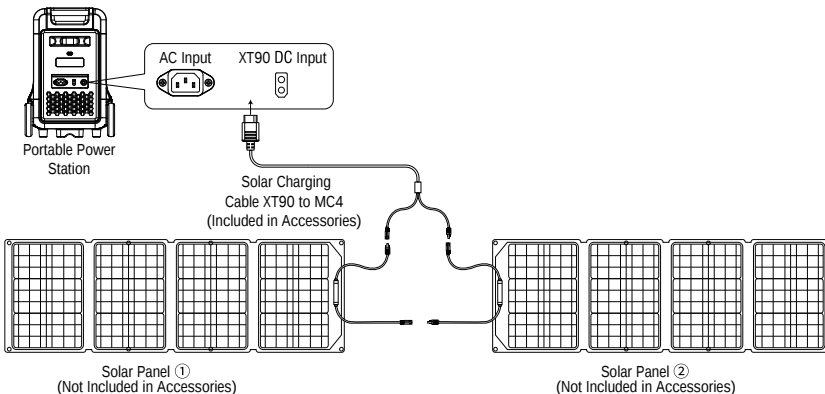
※ The solar panel voltage exceeding 160V will damage the equipment and may be out of warranty.

● We recommend the following charging options:

Option One: One Solar Panel



Option Two: Two Solar Panels (In Series)

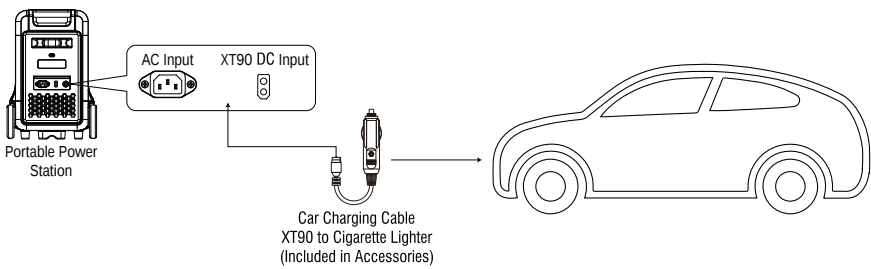


3.Car Charging (using the included solar charging cable)

This product uses car charging cable, which can be used for mobile charging by the cigarette lighter in the car.

Connect the car charging cable to the cigarette lighter in the car and the XT90 interface on the side of the product, turn on the engine of the car, and the LCD display of this product will display the input power.

- ※ Please do it when the car started, otherwise the car battery may be exhausted.
- ※ Vehicle charging power is usually in the range of 90W-120W, and the charging time is long. If fast charging is required, the AC mains charging is recommended.



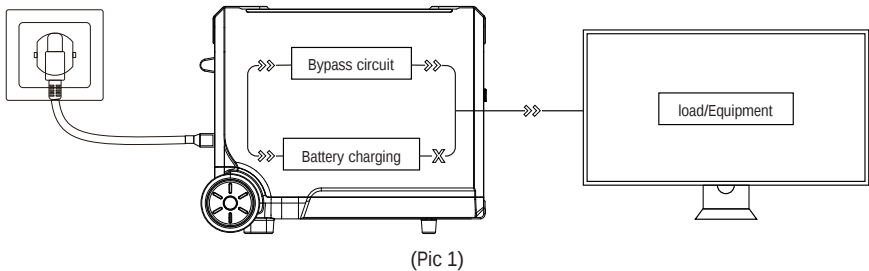
UPS MODE

• UPS Feature

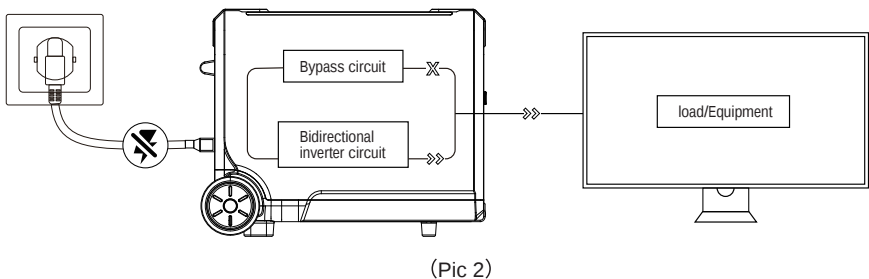
This product has the function of backup uninterruptible power supply. The usage and operation precautions are as follows:

As shown in Pic 1 below, when the product is connected between the wall socket and the electrical appliance, and the power supply and AC switch of the product are in the ON state, the product enters the UPS working mode. The AC mains in the socket supplies power to the electrical appliance through the bypass circuit, and also charges the product. In this working state:

-The rated power of the electrical appliance must be lower than 1500W (only 100V~120V), otherwise overload protection may be triggered.



As shown in Pic 2 below, when the AC mains at the socket end is disconnected, the bypass output inside the product stops working, the product switches to a bidirectional inverter circuit within 10ms, and the circuit outputs supply power to the electrical appliance to ensure that the electrical appliance is uninterrupted and works normally during the process.



LIMITED WARRANTY

KEEP YOUR RECEIPT. Proof of purchase will be required to substantiate any warranty claim.

WHAT IS COVERED: A-iPower/TuplantaPR warrants to the original retail purchaser that this product is free of defects in material and workmanship and agrees, at A-iPower/TuplantaPR's direction, to either repair, provide replacement parts for, or replace (without charge for parts or labor) any product or component with a material defect for a period of 5 years from the date of purchase, subject to exclusions noted herein. Warranty service and replacement parts are warranted only for the duration of the warranty on the original product. All replaced parts or products become the property of A-iPower/TuplantaPR.

WARRANTY TERMS

We will provide 5 years limited warranty for A-iPower portable power station products purchased through any authorized A-iPower dealer in Puerto Rico that fails to operate during the applicable warranty period due to any defect in workmanship or material. If a valid claim is made during the applicable period, A-iPower/TuplantaPR, at its option, will either (1) repair the product, or (2) exchange the product with a product that is of equal value. A replacement product assumes the remaining warranty of the original product or ninety (90) days from the date of replacement, whichever is greater. For questions regarding coverage, please contact:

TUPLANTAPR

AVENUE LOMAS VERDES IH-5 BAYAMON PUERTO RICO

www.tuplantapr.com

1-787-251-3131

Please have the necessary information available - Model Number, Serial Number and Proof of Purchase.

WARRANTY EXCLUSIONS

This warranty does not cover the followings:

This warranty will not cover repair when normal use has exhausted the lifetime of a part(s) or the unit.

- Installation and Maintenance - this warranty does not cover improper or unauthorized assembly, alteration, modification, or any other damage resulting from misuse or neglect.
- Cosmetic defects such as scratches to paint, decals, etc.
- Costs of normal maintenance and adjustments.
- Repairs or diagnostics performed by individuals other than an A-iPower's Authorized Service Dealer (unless approved by A-iPower)

- Failures due to normal wear and tear, accident, misuse, abuse, negligence, or improper use.
- Failures caused by any external cause or act of God, including but not limited to, collision, theft, vandalism, riot, war, fire, freezing, lightning, earthquake, windstorm, hail, water, flood, tornado, or hurricane.
- Damage related to rodent and/or insect infestation.
- Any incidental, consequential or indirect damage caused by defects in materials or workmanship, or any delay in repair or replacement of the defective part(s).
- Failure due to misapplication.
- Telephone, cellular phone, facsimile, internet access, or other communication expenses.
- Expenses related to "customer instruction" or troubleshooting where no manufacturing defect is found.
- Overnight freight or special shipping costs for replacement part(s).
- Overtime, holiday or emergency labor.

MERCHANDISE RETURN GUIDELINES

- All products must be returned in original or equivalent packaging, if determined by A-iPower/TuplantaPR Customer Service. Improperly packaged returns will not be accepted.
- Must have adequate packing for transportation.
- Return to address provided in return authorization, using the parcel service required. Units returned without authorization will not be rewarded.
- Please Note: Refunds will not be granted for items that have been modified or damaged by abuse or usage not in accordance with product instructions.