

OPERATION

Instructions for Use



Warning! Fully charge the power station before first use.

Power ON --- Press any button to turn ON the power station. The display screen will light up to indicate the power station is on.

Power OFF--- With all outputs OFF the power station will enter standby mode after 30 seconds. The display will dim.

Operation

The display screen will indicate if an output is On or Off.

- Press the AC button to turn ON or OFF the AC outputs.
- Press the DC button to turn ON or OFF the DC outputs.
- Press the USB button to turn ON or OFF the USB outputs.

Low-load Detection and Automatic Shut Off

The power station features low-load detection, and will automatically check output wattage after 6 hours.

- When the AC, DC, or USB output is set ON, the output will remain active for 6 hours.
- While an output is on, If any button is pressed the 6-hour ON period will restart.

After a complete 6 hour ON period, the power station will enter low-load detection mode.

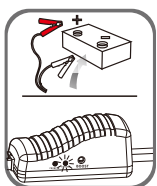
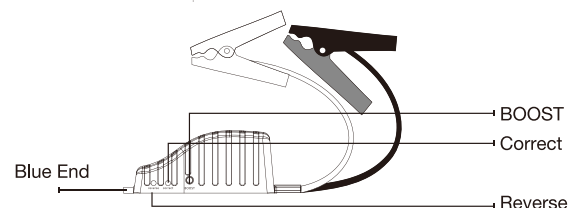
The screen will dim.

- For all outputs during low-load detection: if load is above 10W, the outputs will remain on for an additional 6 hours.
- For AC and DC outputs, if the load is 10W or below, the power station will be in low-load detection mode for 2 hours. If the load is not raised above 10W the power station will shut off after 2 hours.
- For USB outputs, if the load is 10W or below, the power station will be in low-load detection mode for 30 minutes. If the load is not raised above 10W the power station will shut off after 30 minutes.

Note: Temperature will effect the unit's operation. Only charge the unit between 32°F ~ 113°F. Only operate or store the unit between -4°F ~ 113 °F.

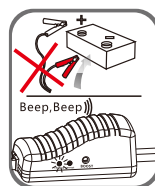
Jump starting a 12v vehicle

1. Completely connect the blue plug to the unit.
Make sure the indicator lights on the cable are off.
2. Connect Red Clamp to the positive (+) battery terminal,
Black Clamp to the negative (-) battery terminal.
3. Verify correct connection using the below instructions and LEDs on the cable:



GREEN LED ON:

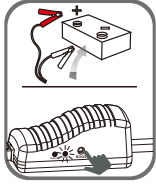
Connection is correct and circuit is working. You may start the vehicle.



RED LED ON WITH BEEPING:

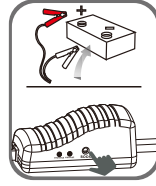
Connection is incorrect. Connect the clamps as mentioned in step 2. Wait for the GREEN LED to turn on before starting vehicle.

OPERATION



GREEN LED BLINKING:

Vehicle battery is low. Press the "BOOST" button on the cable. Wait for the GREEN LED to turn solid. When solid, start vehicle within 30 seconds.



NO LEDS ON, NO BEEPING:

Vehicles battery may be damaged. Confirm the clamps are connected correctly. Next, press the "BOOST" button on the cable. Wait for the GREEN LED to turn solid. When solid, start vehicle within 30 seconds.

4. Start the vehicle.
5. After the vehicle starts, remove the jumper cable clamps from the vehicle battery. Leave the vehicle's engine running.



CAUTION! Do not press the "BOOST" before connecting the car battery. Do not connect the clamps to each other. Only for 12V vehicles, RED clamp for "+", BLACK clamp for "-".

LED Light Functions

The LED lamp has several functions.

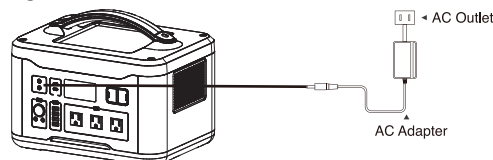
Pressing the LED ON button will cycle through these functions.

All below functions assume the LED is off:

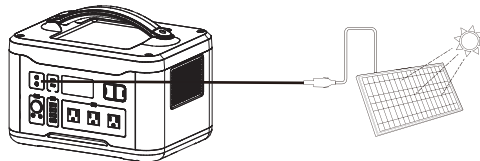
- Press (1) time for low lamp mode.
- Press (2) times for medium lamp mode.
- Press (3) times for high lamp mode.
- Press (4) times for burst flash mode.
- Press (5) times for SOS signal mode.
- Press (6) times to turn off the LED lamp.

Charging the Power Station

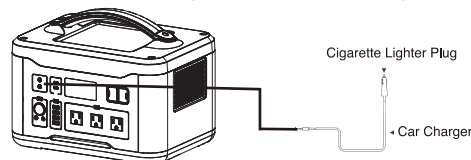
1. Connect the AC charger cable to a wall outlet. Connect the other end of the charger cable to the power station input. Full charge time estimated 7- 8 hours.



2. For solar powered charging, place the solar panel in direct sunlight. Connect the solar panel to the power station input. Full charge time estimated 7- 8 hours.



3. For charging with a 12V vehicle, connect the 12V charge cable plug into the vehicle's 12V outlet. Connect the other end of the cable to the power station input. Full charge time estimated 11-12 hours.



Note: The power station outputs may be used while the unit is charging. The power station can be charged through two inputs simultaneously.

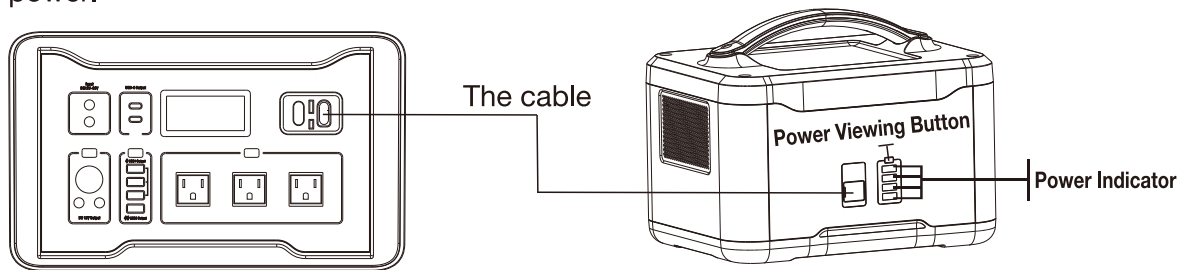
The above data is for reference only. The estimated charging time data was determined under ideal conditions in a laboratory. Your charge times may differ.

FAQ

Connecting a back-up battery (If equipped)

This power station can be connected to a back-up battery (if equipped), expanding the capacity. The power station and the back-up battery can be connected with a cable.

When charging, the power station battery will be charged first. The back-up battery will be charged after the power station battery has been fully charged. When discharging, the back-up battery will be discharged first and switch to the power station battery automatically after the back-up battery runs out of power.



WARNING! The cable will get hot while working. Please DO NOT touch it to avoid injury.

FAQ

Q. Can the power station be taken on an airplane?

A. No. This product contains lithium-ion batteries measuring over 100 Wh. Per the International Air Transport Association these are prohibited on airplanes.

Q. Is it normal for the power station to make sounds while in use?

A. This power station uses an internal fan to cool while in use. It is normal for the sound of this fan to be heard.

Q. Why can't some appliances be powered even when it's within the rated power range of the power station?

A. 1. Power Station capacity is low. Recharge the power station.
2. When first connected, some appliances draw more power than the appliance's rated operating power. This may be more than the power station's maximum power.

Q. While charging the charger is getting hot. Is this normal?

A. The charger will get slightly hot while plugged in. This is normal. If the charger is getting too hot, disconnect the charger and allow it to cool.

Q. Can the power station be used to jump start cars?

A. Yes. Refer to the section "Jump starting a 12 V vehicle" for more information.

Q: Is the actual output capacity of the product consistent with the capacity stated in the user manual?

A: The capacity indicated in the owner's manual is the rated capacity of the battery pack of this power station. Since this power station has some efficiency loss during charging and discharging process, the actual output capacity of the power station is lower than the capacity specified in the owner's manual.

TROUBLE SHOOTING

Problem	Analysis	Solution
The product cannot be charged.	The charger is not completely connected to the unit. The charge indicator light is off.	Completely connect the charger to the power station.
	Charger is connected correctly, but the charge indicator light is off.	Charger is damaged, contact the customer service.
	Indicator light on, but still cannot charge.	The unit is damaged.
Appliances connected to the station outputs are not receiving power.	Appliances are not connected correctly, or the power cable is damaged.	Completely connect power cables to the power station. If cables are damaged, unplug from the power station and have them replaced by a qualified electrician.
	The output button is off.	Set the output button to on.
	The appliances electrical draw is higher than the power station's max. output.	Do not connect an appliance with a higher power requirement than the station's max. output. Use a Perun power station with a larger capacity.
	The power station's charge is low.	Charge the power station.
	All of the above solutions have not resolved the issue.	The unit may be damaged, contact customer service.
Output power is interrupted.	The appliance power requirement is higher than the power station's max. output.	Do not connect an appliance with a higher power requirement than the station's maximum. Use a Perin power station with a larger capacity.
	The appliance power requirement is too small to be recognized by the power station.	Re-start the power station.
	All of the above solutions have not resolved the issue.	The unit may be damaged, contact customer service.