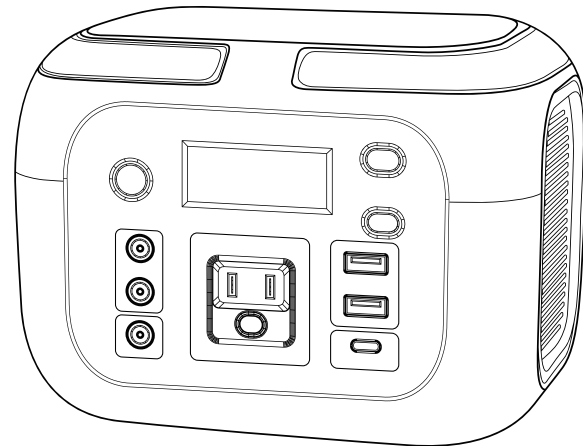


TOMAHAWK

TPB200
PORTABLE POWER STATION

Operation Manual



200Wh

ATTENTION:
Keep dry and do not expose to high heat, Never shot, shock, puncture, short or incinerate. Recharge the power station every 3 months.

www.tomahawk-power.com ✦ (866) 577-4476 ✦ sales@tomahawk-power.com

1

EQUIPMENT RESOURCES

TOMAHAWK® Customer Service doesn't stop at checkout. We understand to keep a your life running smoothly - the proper equipment, spare parts, instruction manuals, and more are needed at the drop of a hat. Visit www.tomahawk-power.com to gain access to the incredible resources below.

How To Video Library

More of a visual person? Visit our Video Library for equipment assembly instructions, troubleshooting tips, and more!
Found on each product listing or the Service Videos Page

Manual and Assembly Guide Library

Visit our Manual Library if you are looking for a lost operations manual or a particular spare part?
Found on each product listing or the Tomahawk Manuals Page

Service Requests

In need of a quick fix or a service center referral? Submit a Service Request and a Tomahawk Technician will respond shortly to get you the help you need.
Choose "Service Request" at the bottom of www.tomahawk-power.com



ATTENTION!

This manual is to help you use the product correctly; it does not represent any description of the hardware and software configuration of the product. For the product configuration, please refer to the contract related to this product (if applicable), or consult the seller that sells the product. Pictures in this manual are 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 with AC electric appliances that work with corrected waveform (power ≤ 200W). 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 create 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 adapt the power station specification required by electrical appliances.

[1] PRODUCT PARAMETERS

Capacity	42000mAh /155Wh
(LWH)Dimensions	200x140x130mm
Weight	About 1.7kg
Built-in battery cell	100% Original High Quality Lithium-Ion Batteries
Input Recharging	Adapter:DC 15V/2.4A Solar Panel Charging:DC 13V-25V/2.4A(Max)
Fully Charged Time	DC 15V: About 5 hours

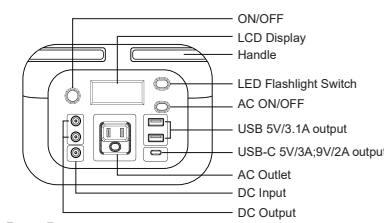
2

Output	USB1+USB2 : 5V/3.1A USB C : 5V/3A 9V/2A DC1+DC2 : 9V~12.6V 10A (MAX)
DC Output(MAX)	9V~12.6V/10A(Max)
AC output	The AC output range of this product between 110V/60Hz (Attention: Actual AC voltage/frequency/Outlet(s) are customized according to different countries and areas) .
Bulb Type	Ultra bright LED Flashlight
Power Indicator	LED Display
Working temperature	-10°C-40°C
Lifecycle	>1000 times
Package include	1 x Portable Power Bank 1 x Power Adapter 1 x Cigarette Lighter Adapter 1 x User Manual

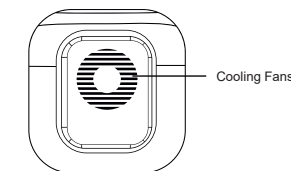
※There may be some differences in different spare parts. Please adhere to the actual product instead.

[2] PRODUCT DESCRIPTION

【Front】

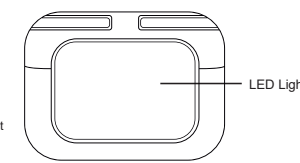


【Left】

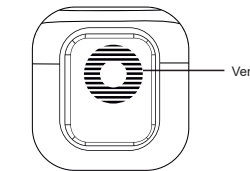


ATTENTION! AC Outlets, AC output voltage and frequency will be different according to different countries or areas. Please refer to the actual product before using.

【Back】

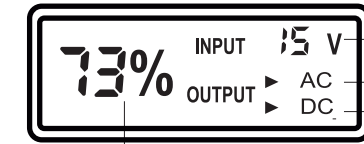


【Right】



3

【Display Screen】



Input indicator
AC output indicator
DC/USB output indicator
Remaining power indicator

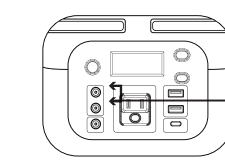
[3] PRODUCT INSTRUCTION

1). How to charge DC12V appliances (such as headlamp, fan) with this product?

The 5.5mm 12VDC output is plug and play. Connect the appliance to the DC port, short press the power switch to turn on DC output so that the unit can supply power to the appliance, and it will display real-time wattage of the appliance on the LED screen.

Note: Please confirm whether your DC12V appliance support charging with 5.5mm DC head interface (The diameter of the DC Port of the Product is:5.5mm), 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 DC12V for Fan or LED lights
Or charge car kits via DC to Cigarette Lighter Connector
Support 5.5mm DC 12V car kits with DC-Cigarette Lighter Adapter, such as Vacuum Cleaner, Inflation Pump, Electric wrench, fridge, etc.

Note: The 12V DC output voltage is range between 9V~12.6V, the maximum output current is 10A. DC output voltage drops while battery capacity drops due to chemical characteristics of the battery. If your DC 12V appliance is not built-in input voltage stabilizing function, it may shut down when the input voltage is too low, please unplug your device from the unit in time. And please charge the unit in time.

Protection Mode:

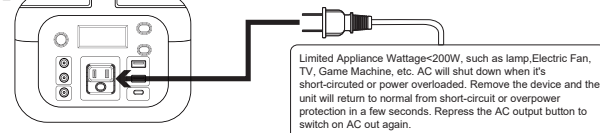
Short-Circuit/Overpower Protection: If the DC output is short-circuited or overpowered (Load(s) power >200W), the unit will shut down to protect itself. Please clear the problem and recharge the unit to re-press the power switch.

4

2).How to Charge AC Appliances with this Product?

Connect the power cable plug of the electrical appliance to the AC outlet of the product, and press the power switch to turn on, then switch on the "AC" button and the unit will start offering power to your appliances. It will display real-time wattage of the appliance on the LED screen at the same time.

【Front】



Limited Appliance Wattage<200W, such as lamp, Electric Fan, TV, Game Machine, etc. AC will shut down when it's short-circuited or power overloaded. Remove the device and the unit will return to normal from short-circuit or overpower protection in a few seconds. Re-press the AC output button to switch on AC out again.

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.

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

Protection Mode:

Short-Circuit/Overpower Protection: If the AC output is short-circuited or overpowered (Load(s) power >200W), the unit will shut down AC output to protect itself.

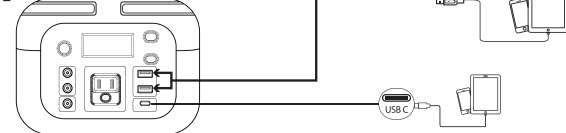
※ Some devices, such as a refrigerator, ice maker or a laser printer may require a surge power to start or work during a very long period, the surge power could exceed 250W or even higher, this could cause overpower protection with this unit. Please remove the devices and consult with the manufacturer for more information.

3). How to Charge USB Digital Appliances with this Product?

connect the standard USB cable of the digital appliance to the USB output of the unit to gain power. Then press the "U" button switch on and the unit will start offering power to the devices, it will display real-time wattage of the appliance on the LED screen at the same time.

Quick Charge Output: This product supports Qualcomm QuickCharge 3.0 output, support 5V/3.1A; 9V/2A max output for smart devices which also support Qualcomm QuickCharge 3.0. The actual output voltage and current depend on the actual smart devices, it can be obtained by consulting the smart device manufacturer.

【Front】



5

4). How to Use the Flashlight?

This unit is built with a dual white LED flashlight. Press the flashlight button to switch on the flashlight and single press the button to switch to Blink/SOS Mode. Press the button to switch off.

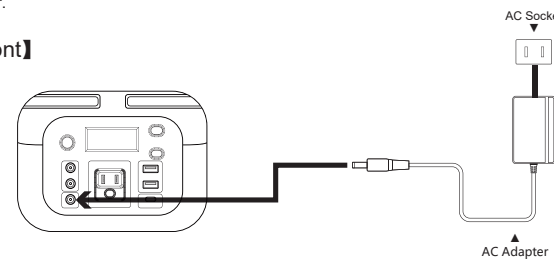
Warning! Do not look at the flashlight directly, as damage to eyesight may occur.

5).How to Charge the Unit?

A. Charge through AC Wall Charger

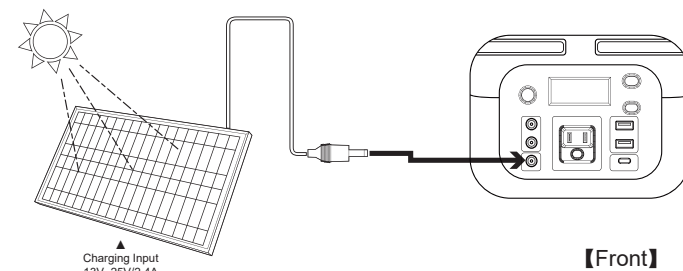
Using the included AC Wall Charger cable, plug the unit into any wall outlet to charge the unit. You will know the unit is charging when the blue LED battery indicators are blinking. The unit is fully charged when all battery indicators stop blinking. After the unit is fully charged, remove the AC wall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

【Front】



B. Charge from Solar Panel

① Place your solar panel* where it will get as much direct sunlight as possible.
② 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.



*Note: Solar Panels not included.

6

C. Charge from your Car with a 12V Cigarette Lighter.

Using the car charger, plug the unit into a 12V cigarette lighter(carport) of your car. 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

WARNING! To avoid car battery power loss. Charging this unit through your car cigarette lighter is only available when your car engine is started.

[4] SECURITY AND MAINTENANCE

- 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.).
- 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.
- Keep away from high humidity, dusty places.
- Do not disassemble or reassemble this unit.
- Do not drop, place heavy objects or hit the product strongly.
- 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.
- Children should be supervised to ensure that they do not play with the appliance.
- Do not cover the device with towels, clothing and other items.
- The unit may be hot when charging. This is normal. Use caution when handling.
- Do not charge the unit over the required time.
- Disconnect the unit when fully charged
- Use the unit properly to avoid electronic shock.
- Please follow local regulations when disposing of this product. Do not dispose of the built-in battery with household garbage, so as not to cause an explosion and/or pollution.
- This product is for use in only emergency situations, it cannot replace the standard DC or AC power of household appliances or digital products.

[5] PRODUCT APPLICATION SKILLS

- Use only in temperatures in the range of 50 °F ~ 86 °F (10 °C ~ 30 °C), so as to achieve the optimal charging capacity.
- When charging, in order to avoid interference, please stay away from TVs, radios, and other equipment.
- If the device will not be used for long periods, disconnect all cables and store in a dry area.
- In order to extend the life of product (lithium battery), it is best to charge within 3 months, and charge at least once every 6 months.

Battery Information

Your device has an internal, non-removable, rechargeable battery. Do not attempt to remove the battery. The battery can be charged and discharged over 1000 times, but it will eventually wear out.

7

Cold Weather Usage

Cold temperatures (below freezing) can affect the battery capacity due to chemical characteristics of the battery. If you will 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 recycling collection points. You will help prevent uncontrolled waste disposal and promote the recycling of materials.

Statement

1. FCC Statement:

The operation meets the following two conditions:

- The equipment will not cause harmful interference, and
- The equipment must accept any interference received, including interference that may result in accidental operation.

Note: This equipment has been tested and meets the restrictions of Category B digital equipment in Part 15 of FCC Rules.

These restrictions are designed to provide reasonable protection against harmful interference in housing installation.

This equipment will generate, use and radiate radio frequency energy. If it is not installed and used according to the instructions, it may cause harmful interference to radio communication.

However, there is no guarantee that interference will not occur in a particular installation.

If the device does cause harmful interference to radio or television reception (which can be determined by switching off and switching on devices), users are advised to attempt to correct the interference by one or more of the following measures:

Re-adjusting or placing the receiving antenna.

Increase the distance between the device and the receiver.

Connect the device to a different circuit outlet from the circuit connected to the receiver.

Consult distributors or experienced radio/television technicians for help.

All rights reserved. Without the written permission Tomahawk Power, LLC, no unit or individual may copy or reproduce part or all of the contents of the book without authorization, and may not disseminate them in any form. Other trademarks appearing in this manual shall be owned by their respective owners. Due to product version upgrade or other reasons, the contents of this manual will be updated from time to time. Unless otherwise agreed, this manual is only for user guidance. All statements, information and suggestions in this manual do not constitute any express or implied guarantee.

support@tomahawk-power.com



8