



PORTABLE POWER STATION

STN101

USER GUIDE



WELCOME!

We've done our best to make this manual user-friendly and worth your time to read from cover to cover before you get started (meaning it's pretty bare-bones and down-to-business). For more in-depth coverage, explanations, how-tos, and an entire community of fixers and tinkerers like yourself, head over to [ifixit.com/FixHub](https://www.ifixit.com/FixHub)

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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.



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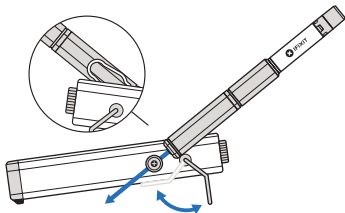
QUICK START

With Soldering Iron

- 1 To charge, connect a USB-C charger to the rear port until the battery indicator shows full.



- 2 Flip out the kickstand and attach the Soldering Iron to the Tool Mount on the Portable Power Station.

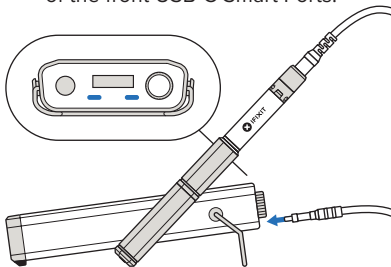


- 3 Press and hold the Action Button for 3 seconds to turn on the Portable Power Station.

Step 3 figure



- 4 Plug the Soldering Iron into one of the front USB-C Smart Ports.



- 5 Adjust the temperature by rotating the Selector dial. Wait one second for the temperature limit to set, then get soldering!



IMPORTANT SAFETY INFORMATION

Read this section carefully to learn the applications, limitations, and potential hazards related to your new soldering iron.

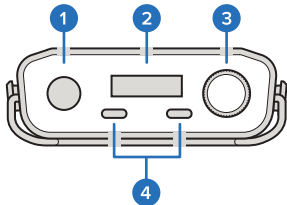
WARNING Read all safety warnings and instructions. Failure to follow the warnings and instructions may result in electric shock, fire, or serious injury.

- Always wear eye protection with side shields marked to comply with ANSI Z87.1 when assembling parts, operating the product, or performing maintenance.
- When the Portable Power Station is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws, or other small metal objects that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
- Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, seek additional medical help. Liquid ejected from the battery may cause irritation or burns.
- Do not use a Portable Power Station that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion, or risk of injury.
- Do not expose a Portable Power Station to fire or excessive temperature. Exposure to fire or temperature above 130°C / 265°F may cause explosion.

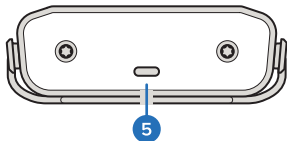
- Use this product with specific power sources, such as iFixit 65W GaN Fast Charger (IF145-542-1). Use of other power sources may create a risk of injury and fire.
- Do not charge the Portable Power Station outside the temperature range of 0–45°C / 32–113°F. Charging improperly or at temperatures outside of the specified range may damage the battery and increase the risk of fire.
- Have servicing performed by a qualified repair person using only identical replacement parts. This will ensure that the safety of the product is maintained. (With the free repair information available at [ifixit.com/FixHub](https://www.ifixit.com/FixHub), that qualified repair person can be you!)
- Do not modify or attempt to repair the Portable Power Station (as applicable) except as indicated in the instructions for use and care.
- This appliance can be used by persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. (EN)
- This appliance is not to intend for used 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. (CAN)
- Children shall not play with the appliance. Keep the appliance and its cord out of reach of children.

ASSEMBLY AND FEATURES

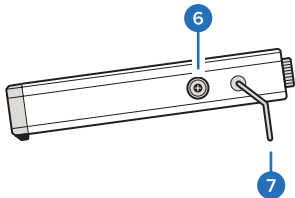
FRONT



BACK



SIDE



1 Action Button

Hold down to turn the Portable Power Station on and off, click to switch between connected tools or navigate settings menus as appropriate.

2 Display

Manage Portable Power Station and tool status, control, and configuration.

3 Selector

This is the primary control input when using the Portable Power Station. Rotate to scroll through menus or adjust values, click to select.

4 Smart Ports

2x USB-C Smart Ports with 100W combined output on the front for powering and controlling tools and charging connected devices.

5 Rear Port

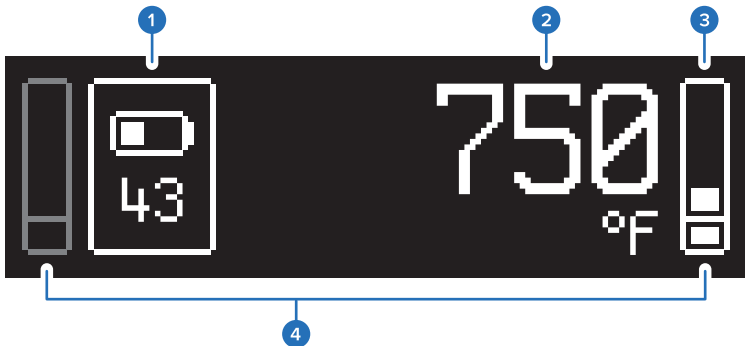
One 45W USB-C port on the rear for charging and interfacing with a computer.

6 Tool Mount

For mounting FixHub Power Tools, such as the FixHub Smart Soldering Iron.

7 Kickstand

Lifts the front of the Power Station to a comfortable angle for viewing the display and adjusting the controls.



Display User Interface

This main screen is referred to as the Ready Screen.

1 Battery Indicator

Check the power level of your FixHub Portable Power Station. See *Charging the Portable Power Station* (pp. 10-11) for details on recharging the device.

2 Unit Display

Displays the current measured value or set value of a connected tool or device. See *Navigating the Menus* (p. 14) for more detail on changing unit type on the Unit Display.

3 Power Indicator

Displays how much power is currently being delivered through the corresponding Smart Port, ranging from 0W to 100W.

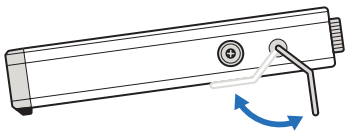
4 Port Status Indicator

Shows the current activity for the corresponding Smart Port.

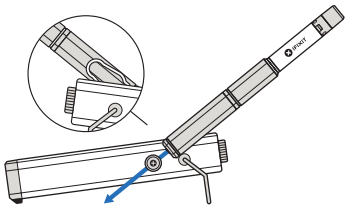
- **Blank:** No tool is connected.
- **Filled:** Tool is turned ON.
- **Glowing:** Tool is connected and displaying units.
- **Grayed Out:** Tool is connected but other port is displaying units.

Using the Kickstand and Tool Mounts

Fold the kickstand down to prop up the front of the Portable Power Station and make it easier to use on a workbench. Fold the kickstand back up for storage.



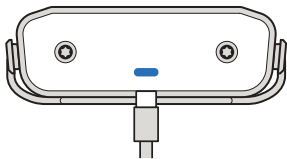
Attach tools to either side of the Portable Power Station by sliding their spring clips onto the Tool Mount. The tool mount is round, which allows FixHub tools to be mounted at a variety of angles for bench-top or mobile use.



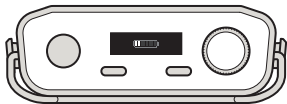
Charging the Portable Power Station

Charge your Portable Power Station by connecting a USB-C power source to the

rear port. The display will indicate that the Portable Power Station is charging. If the Portable Power Station is powered on and charging, the battery icon on the left of the screen will animate to indicate charging. If the Portable Power Station is powered off and charging, a large battery icon will appear in the center of the screen and animate to indicate charging.



BACK



FRONT

With iFixit's 65W GaN Fast Charger connected to the rear USB-C port, a Portable Power Station will recharge fully depleted batteries in about 2 hours. It is safe to leave your Portable Power Station connected to the charger continually to ensure always topped-up batteries.

Tool Use

Press and hold the Action Button for 3 seconds to power on the Portable Power Station. It will boot up, play its introduction animation, then display the Ready Screen, which will indicate which tools, if any, are connected to the Portable Power Station. Refer to each tool's user manual for directions on navigating the FixHub Portable Power Station menu for that tool.



Using the Portable Power Station as a Device Charger

Your Portable Power Station can perform as a power source/device charger for compatible devices. When fully charged, the Portable Power Station can provide 100W of charging power, and has enough capacity to fully recharge a large smartphone 3-4 times.

Navigating the Menus

To change unit type, click the Selector knob and go to *Units*. Turn the knob to select desired units and click to select. Press the Action Button to return to the Ready Screen.

MAINTENANCE

Firmware Updates

To check for firmware updates, go to ifixit.com/FixHub

Storage

- Disconnect any connected USB devices before storing.
- Exposure to extreme temperatures may damage your Portable Power Station's batteries. Keep it within -20° C / -5° F to +50° C / 120° F.

Battery Replacement

Your FixHub Portable Power Station battery is designed to be safely and easily replaced by qualified individuals.

Troubleshooting and Repair

- **Tool plugged into Portable Power Station but not recognized:** Check connections, try the other front USB port on the Portable Power Station, or try a different USB-C cable.

For more in-depth troubleshooting, disassembly, and repair guides, and a helpful community of fixers like you, visit ifixit.com/FixHub



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