DuroMax

XP2000PX

USER MANUAL

This manual provides information regarding the operation and maintenance of these products. We have made every effort to ensure the accuracy of the information in this manual. We reserve the right to change this product at any time without prior notice.

5800 Ontario Mills Pkwy
Ontario, CA 91764 USA
www.duromaxpower.com

Call our Customer Care Team Toll Free 8-5 PM PST Mon-Fri

844-DUROMAX

FCC Statement

1. 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.
(2)This device must accept any interference received, including interference that may cause undesired operation.
2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
Note:This equipment has been tested and found to comply with the limits for a class B digital device,pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.
This equipment generates uses and can radiate radio frequence energy and,if not installed and used in accordance with the instructions,may cause harmful interference to radio communications.However,there is no guarantee that interference will not occur in a particular installation.if this equipmemt does cause harmful interference to radio or television reception,which can be determined by turning the equipment off and on,the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement,This equipment should be installed and operated with a minumum distance of 20 cm between the radiator and your body.

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THE DUROMAX WAY

The DuroMax Way is more than just a brand, it is our understanding and appreciation of just how important power can be to someone without it...

DUROMAX FOR HOME

Electricity in our home not only provides comfort but safety as well. From keeping the heat or A/C on to keeping our food cold, power is essential to our daily lives. Inevitability when disaster strikes and we are left without power for a prolonged period of time, our way of life is put at risk. This is by far the most critical time for reliable portable power.

DUROMAX FOR WORK

On the job site, portable power allows you the ability to get work done in remote locations when traditional power sources are usually unavailable. Equipment like table saws, sanders, and work lights are a necessity and portable power can play a critical role in getting a job done successfully and efficiently.

DUROMAX FOR PLAY

Camping outdoors in a remote location can get one in touch with nature and allow them to forget the stress of the day to day grind. Here portable power can provide comfort as well as safety. With portable power, you can keep your cell phone charged, light up your campsite, or even brew a cup of coffee, all while being miles from civilization.

The DuroMax Way is a commitment to excellence. This vision is focused on the quality, reliability, and durability of our products combined with outstanding customer service. We understand that having dependable power whenever and wherever you need it provides comfort, safety, and peace of mind. It is through this philosophy that DuroMax achieves our vision of...

POWERING EVERYONE...
ANYWHERE!

INTRODUCTION

DuroMax Power Equipment is headquartered in Ontario, California and is the industry's leader in Dual Fuel and Tri Fuel portable generator technology. In addition to a full assortment of portable generators ranging from digital inverters to large 16,000-watt generators that can power your whole home, their product line includes power stations, pressure washers, engines, pumps, and accessories.

The foundation of our company is built on quality, reliability, durability, and customer service. At DuroMax our vision is simple, we are committed to Powering Everyone... Anywhere!

STOP

Please do not return to the store.

DuroMax representatives are ready to help you with any questions, concerns, or issues about your new product. We can guide you through assembly, start up, and how to operate your power station. We want you to be able to put your new power station to use right away!

CALL US BEFORE YOU CONSIDER RETURNING THE PRODUCT!

TOLL-FREE
1-844-DUROMAX

For more information and resources on this model scan the QR code below to link to our website product information page.

GENERAL SAFETY PROCEDURES

SAFETY ALERT SYMBOL

The safety alert symbol is used with one of the safety words (**DANGER**, **WARNING**, or **CAUTION**) to alert you of hazards. Please pay attention to these hazard notices both in this manual and on the power station.

Please familiarize yourself with the following safety symbols and words:

- **DANGER**: Indicates a hazard that will result in serious injury or death if instructions are not followed.
- **WARNING**: Indicates a strong possibility of causing serious injury or death if instructions are not followed.
- **CAUTION**: Indicates a possibility of personal injury or equipment damage if instructions are not followed.

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.

WARNING: Ensure to read all safety warnings and instructions. Failure to follow warnings and instructions may result in electric shock, fire, and/or cause serious or personal injury. Save all warnings and instructions for reference.

WARNING: To avoid fire or electrical shock hazard, observe all ratings on the power station and accessory products you intend to use.

CAUTION: This device is intended for temporary outdoor use only. Reasonable care should always be exercised when using this device outdoors in damp conditions, but should never be used in wet conditions.

WARNING: Improper treatment or use of the power station can damage it, shorten its life and void the warranty.

- Use the power station only for intended uses.
- DO NOT expose the power station to moisture, dust, or dirt.
- DO NOT allow any material to block the cooling slots.
- If connected devices overheat, turn them off and disconnect them from the power station

DANGER: This power station generates powerful voltage. Serious injury or even death can occur if these precautions aren't followed.

- Always keep your power station in a dry, well-ventilated area when in use.
- Do not operate the power station with a damaged cord, plug, or damaged output cable.
- Do not allow children or unqualified persons to charge, operate or service the power station.
- Do not operate the power station in wet conditions. To avoid short circuits or electrical shock do not allow unit to get wet. In the event the unit does get wet, let the unit dry completely before using.
- Always use a ground fault circuit interrupter (GFCI) while charging in damp areas and areas containing conductive material such as metal decking.
- Do not allow fluids to flow into the power station. Corrosive or conductive fluids, such as seawater, industrial chemicals, bleach or bleach containing products can cause a short circuit, damaging the power station and voiding the warranty.
- This equipment has internal arcing or sparking parts which should not be exposed to flammable vapors or liquids.

WARNING: The power station produces heat.

- Do not touch hot surfaces.
- Allow the equipment to cool before touching.

WARNING: Exceeding the power station's running capacity can damage the power station and/or electrical devices connected to it.

- DO NOT overload the power station.
- DO NOT tamper or modify the power station in any way.

DANGER: This power station generates the same potential lethal AC electrical voltage as a standard building wall outlet. Always treat the power station as you would a normal AC outlet on a standard building wall.

DANGER: Electrolyte inside the battery is harmful to the skin and eyes. Electrolyte may pose an increased risk of harm if not handled properly. Under abusive conditions, liquid may be ejected from the battery; avoid contact. Liquid ejected from the battery may cause irritation or burns. If contact accidentally occurs, immediately flush with water. If the battery leaks and electrolyte gets into your eyes, do not rub them, and immediately flood rinse eyes with running cold water for at least 10 minutes and seek medical help. If left untreated, electrolyte can cause permanent eye injury. Keep away from children.

GENERAL SAFETY PROCEDURES (CONTINUED)

WARNING: In case of battery damage:

- If damaged, the internal battery may emit hazardous fumes. If fumes are present, move Power Station to a well-ventilated area.
- Do not try to repair the Power Station or replace the battery.

WARNING: When operating the power station:

- Always use in a dry well ventilated area while in use and do not obstruct fan openings on unit. Inadequate ventilation may cause excessive heat and damage the unit.
- Always keep the unit clean and dry, and inspect for dirt, dust, or moisture prior to every use.
- Power cord plugs must always match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.
- Connect only to properly grounded outlets.
- To reduce risk of damage to electric plug and cord, pull the plug rather than the cord when disconnecting from the power station. Never use the cord for carrying, pulling or unplugging the tool.
- Do not use this power station if the power cord or battery cables are damaged in any way.
- Always use a suitable extension cord to reduce the risk of electric shock.
- Always keep the cord away from heat, oil, sharp edges, or moving parts.
- Always position cords carefully to avoid hazardous conditions. Tripping or snagging on cords can cause injury or cause product damage. Never allow cords to run through puddles or across wet ground.
- Use of an accessory not recommended may result in a risk of fire, electric shock, or injury to persons.
- To reduce the risk of electric shock always unplug the cord from the outlet when not in use and before servicing or cleaning.
- Do not insert foreign objects into output or ventilation holes.

WARNING: Do not overload the power stations capacity. Exceeding the wattage/amperage capacity may damage the power supply and/or electrical connected to it.

- Do not use this unit if you do not understand these operating instructions.
- Maintain the labels and nameplates on this Power Station.

WARNING: Do not use a power station or appliance that is damaged or modified. Damaged or modified internal batteries may exhibit unpredictable behavior resulting in fire, explosion, or risk of injury.

- Do not remove the power station cover. No user serviceable parts inside.
- Do not tamper or disassemble the power station to attempt to service or replace the battery. Incorrect reassembly may result in a risk of fire, electric shock, or personal injury.
- For service information please contact our DuroMax technical support team at 844-387-6629. Please have your serial number and model number available when service, repair, or replacement is required.
- Never place fingers or hands inside the product.

WARNING: To reduce the risk of injury or damage, avoid contact with any hot surface.

- Do not use the power station near sources of high heat or fire. Exposure to fire or temperature above 265°F (130°C) may cause explosion.
- Do not discharge the power station battery in temperatures below 14°F (-10°C) or above 104°F (40°C).
- Do not allow fluids to flow into the power station. Corrosive or conductive fluids, such as seawater, certain industrial chemicals, and bleach or bleach containing products, etc., can cause a short circuit.
- Follow all charging instructions and do not charge the power station outside the temperature range specified in the instructions. Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.

WARNING: Safe disposal of Lithium-ion battery:

- Lithium-ion batteries contain elements that pose health risks to individuals if they are allowed to leach into the ground water supply. In many states and counties, it may be illegal to dispose of these batteries in standard household waste.
- To dispose the battery safely, apply tape over any exposed connectors to prevent accidental shorting of the positive and negative terminals of the battery during transport.
- Place the battery in a clear sturdy plastic bag, seal the bag and deposit the battery into the recycling container at your local municipal hazardous waste (HHW) recycling location.
- In the United States and Canada, a large network of over 30,000 battery drop-off locations may be found at www.call2recycle.org.
- Never dispose of the battery in a fire or incinerator, as the battery may catch fire and explode.

GENERAL SAFETY PROCEDURES (CONTINUED)

WARNING: When charging the power station:

- Always charge the power station's internal battery in a well-ventilated area.
- Do not use the AC charging cable outdoors.
- Do not expose AC charging cable to oil, oil vapor, grease, gasoline, gasoline vapors, or other caustic substances that may damage the AC charging cable.
- Do not charge the power station below 32°F (0°C) or above 104°F (40°C).
- Do not charge the power station in rain, snow, damp, or wet locations.
- Do not overcharge the power station. Use only supplied AC charging cable and follow solar charging guidelines and voltage and current limits.
- Always connect to properly grounded outlets.
- Never use Power Station or charger in the presence of explosive atmospheres (gaseous fumes, dust or flammable materials).
- Never leave the Power Station unattended while charging. If the internal battery smokes, or gives off an odor during charging, terminate charging immediately.
- During charging, if the Power Station battery becomes hot to the touch, stop charging. Allow Power Station to cool before resuming.
- Always unplug charger when not in use.
- To reduce the risk of electric shock, always unplug charger before cleaning or maintenance. Do not allow water to flow into plug. Use a Ground Fault Circuit Interrupter (GFCI) to reduce shock hazards.

WARNING: When storing the power station:

- This Power Station is intended to be stored indoors and shall not be stored or left outdoors when not in use.
- Do not stack any items on top of the Power Station during storage.
- Store your Power Station in a cool, dry place between 32°F (0°C) and 104°F (40°C). The ideal storage temperature is 59°F (15°C).
- Do not store Power Station where temperatures may exceed 104°F (40°C) such as in direct sunlight, in a vehicle or metal buildings especially during the summer.
- Do not store the Power Station near sources of high heat or fire.
- Do not store the Power Station when battery level is at 20% or less state of charge (SOC). The ideal storage SOC is 40-60%.
- When storing the Power Station for periods of one month or longer, store the Power Station at an SOC of about 60%. Every three months, discharge the Power Station to 40% and recharge back to 60% to extend the battery life.

- Lithium batteries must be charged regularly to perform well. The Power Station must be fully charged at least once every 6 months (180 days).

DuroMax

POWER STATION SETUP

Unpack and Prepare the Power Station

1. Place the box on a flat surface

Place the power station box on a level and sturdy surface.

2. Remove box accessories

Remove all the box accessories and cords prior to removing the power station.

3. Lift power station from the box

Lift the power station from the box using the top carrying handles on both sides of the power station.

STOP

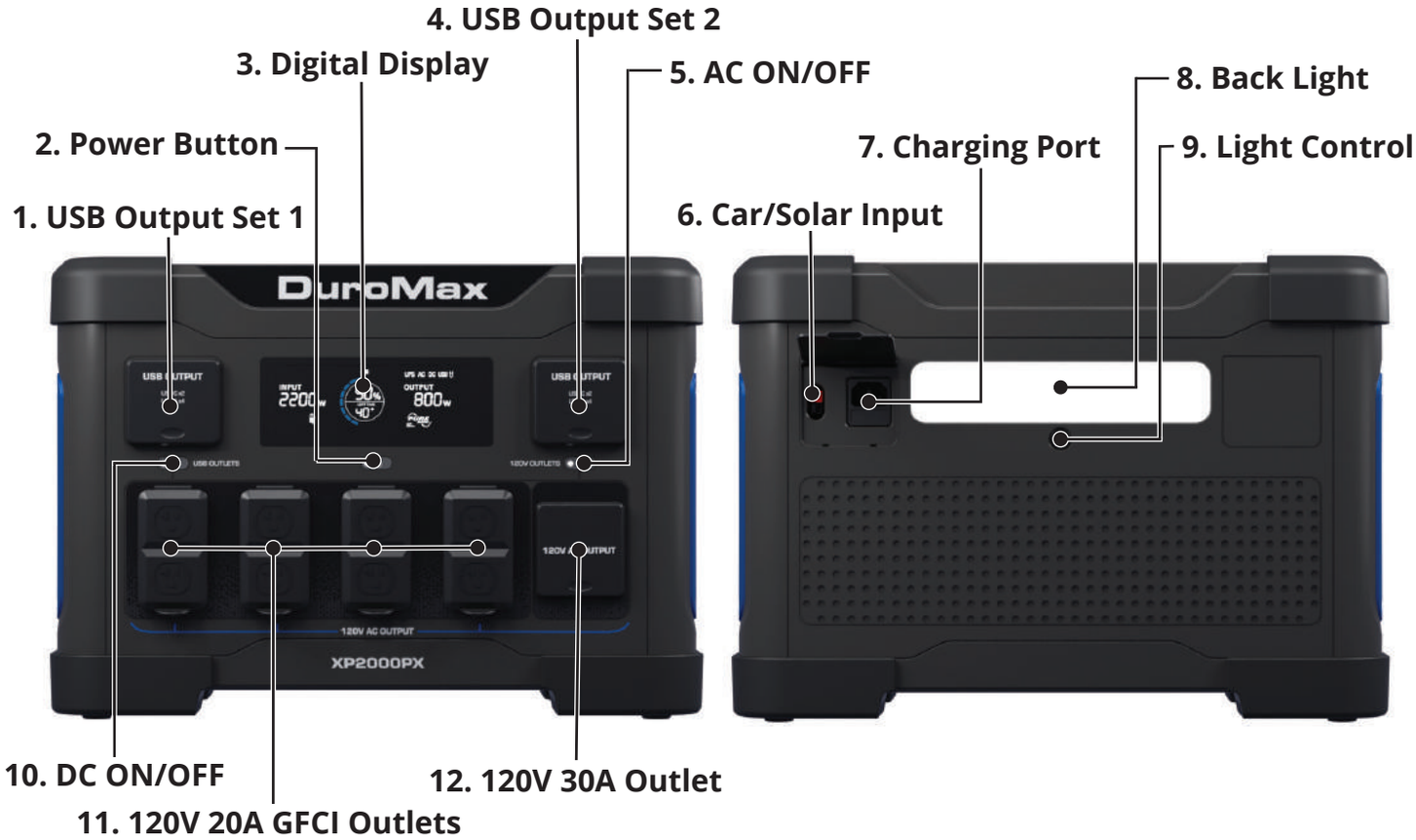
Charge the power station before the first use!

The power station should be fully charged before the first use to help keep the internal lithium ion battery functioning properly. Failure to charge the power station on the first use can permanently affect charging capacity and can void the warranty.

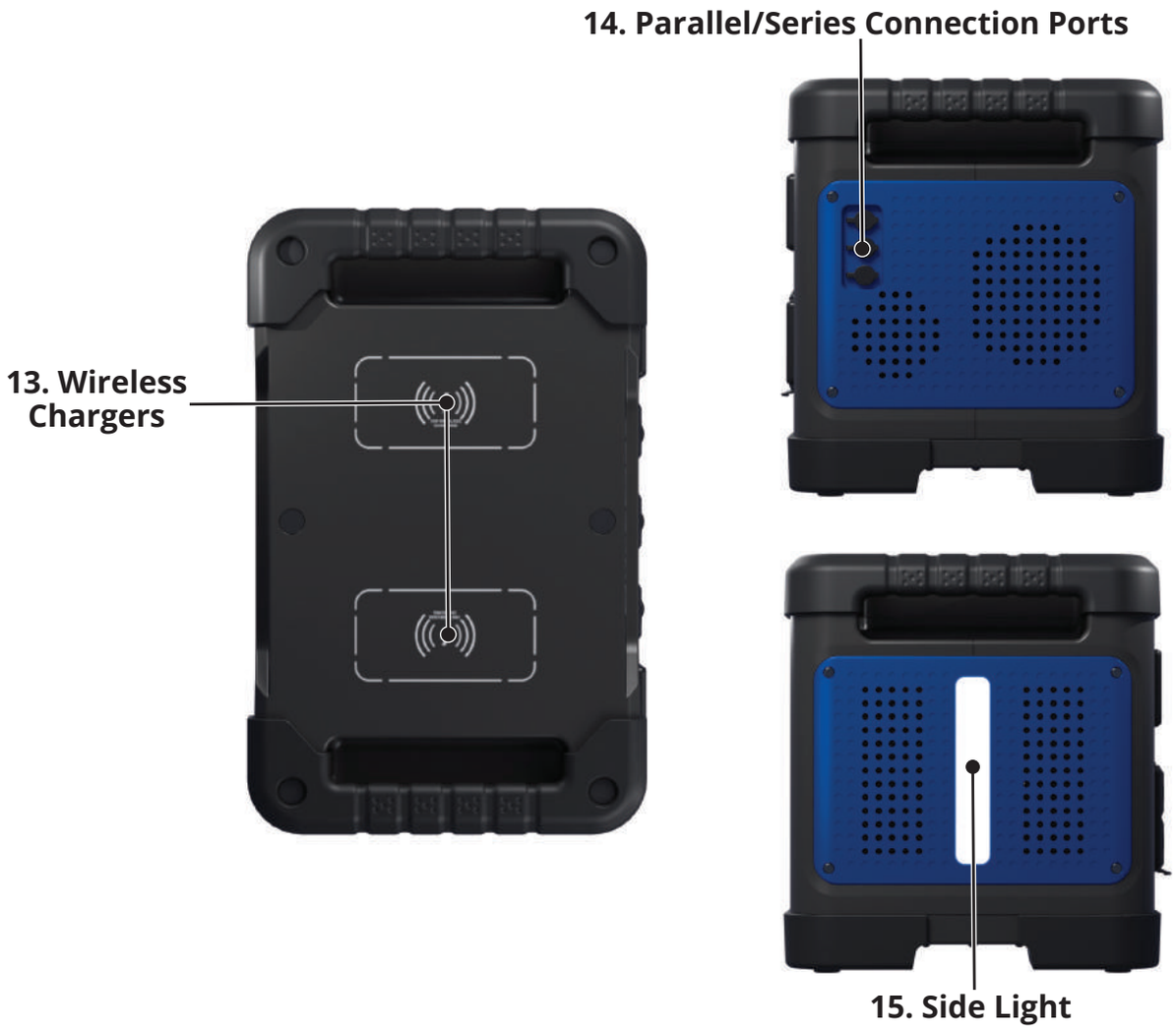
4. Charge the power station before first use

Plug in the provided AC battery charger cable to charge the power station. The power station should be fully charged before the first use.

POWER STATION COMPONENTS

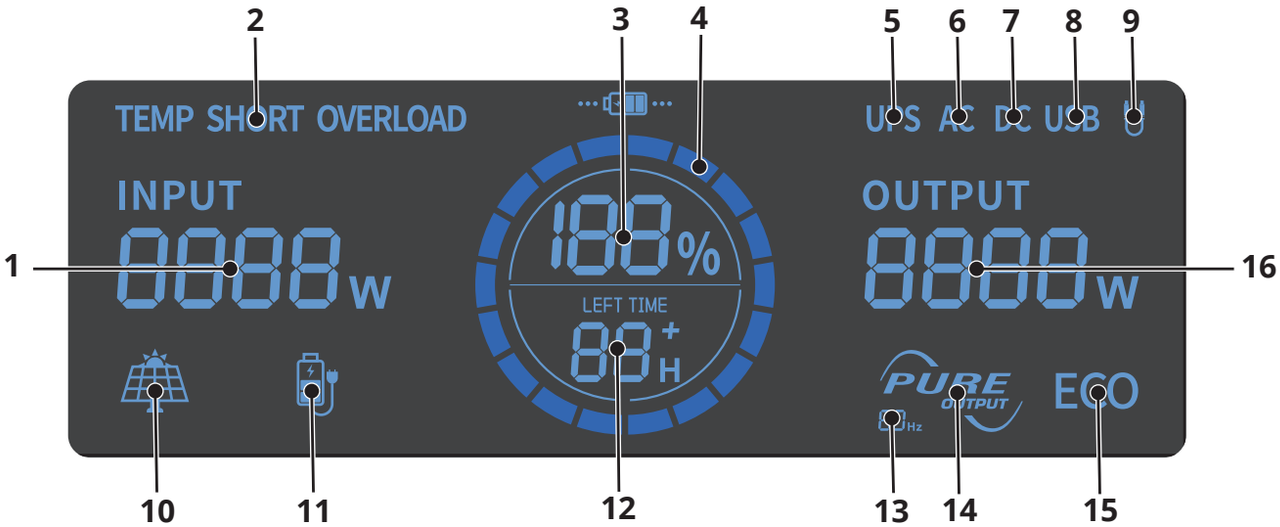


1. **USB Output Set 1** - Includes (4) USB-A chargers and (2) USB C chargers.
2. **Power Button** - Used to turn the power station ON or OFF.
3. **Digital Display** - A digital display that shows the current battery capacity, estimated remaining runtime, current load output, and current load input.
4. **USB Output Set 2** - Includes (4) USB-A chargers and (2) USB C chargers.
5. **AC ON/OFF** - A digital AC button used to turn the AC power ON or OFF.
6. **Car/Solar Input** - An Anderson power connector used to charge your portable power station using a car charger or solar panels.
7. **Charging Port** - Used to charge the power station using a standard 120V household outlet.
8. **Back Light** - Used to provide a light source from the back of the power station for darker environments.
9. **Light Control Button**- Used to control the back light and side light of the power station.



10. **DC ON/OFF** - A digital DC button used to turn the DC power ON or OFF.
11. **120V 20A GFCI Outlets** - Use to connect electrical devices that run 120 Volt, 60 Hz, single-phase, AC current (NEMA 5-20).
12. **120V 30A Outlet** - Use to connect electrical devices that run 120 Volt, 60 Hz, single-phase, AC current (NEMA TT-30).
13. **Wireless Chargers** - Used to charge wireless charging compatible products.
14. **Parallel/Series Connection Ports** - Used to connect multiple power stations to operate in parallel or in series.
15. **Side Light** - Used to provide a light source from the back of the power station for darker environments.

POWER STATION COMPONENTS (CONTINUED)



#	SYMBOL	TITLE	DESCRIPTION
1.	INPUT 8888 W	Input Current	Displays the real time input power in Watts.
2.	TEMP SHORT OVERLOAD	Temp Short Overload	If the power station detects a short, overload, and/or over-heat, then power output will be cut and this icon will show.
3.	188%	Battery Charge Percentage	Displays the remaining battery capacity percentage of the unit.
4.		Battery Indicator	Displays the remaining battery, and the icon will change rotation with charging or discharging.
5.	UPS	UPS Output	When bypassing the input and output, the UPS icon will show.
6.	AC	AC Output	Display will show the AC icon when AC output is used.
7.	DC	DC Output	Display will show the DC icon when DC output is used.
8.	USB	USB Output	When the USB output port is in use, the USB icon will display.
9.		Parallel Icon	The parallel icon will show when the unit is paralleled.
10.		Solar Charging	Displays when the unit detects a charging input of a connected solar panel.
11.		AC Charging	Displays when main AC charger is charging the power station.
12.	LEFT TIME 88+ H	Remaining Charge or Discharge Time	Display will actively show the charging/discharging time remaining of the power station based on the current input power or power consumption.
13.	60 Hz	Hertz Indicator	Display shows the current Hertz output.
14.	PURE OUTPUT	Pure Sine Wave	When AC power is used, then the pure sine feature will activate and show the icon.
15.	ECO	ECO Mode	After double-clicking the power button to enter energy saving mode, this icon will display.
16.	OUTPUT 8888 W	Output Current	Displays real time output power in Watts.

PACKAGE CONTENTS

Your power station comes with the items listed below. Please check to see that all of the following items are included with your power station.

Parallel Cable

Used to parallel with another power station or inverter generator.

Car Charging Cable

Used to charge the power station using a car charger.

AC Charger Cable

Used to charge the power station with AC power.

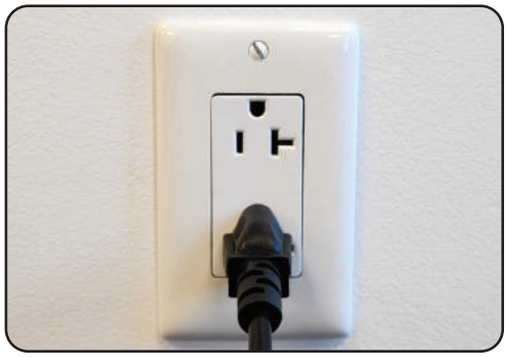
- Note: Actual tools may differ in appearance or design from image shown.

USING THE POWER STATION

Charging the Power Station Using a Standard Outlet

1. Attach AC charging cord to unit

The AC charging cord outlet is located on the back side of the power station. Lift up the charging cord outlet cover and plug in the charging cord.



2. Plug in charger to wall outlet

Plug in the other end of the charging cord to a standard 120V 15A wall outlet. The power station should be fully charged before the first use.

WARNING: The power station should be fully charged every 180 days if in storage to keep the internal battery in proper working condition.

WARNING: If the charging power for the wall outlet exceeds 15A at 120V, then the 15A overload protector button will trip. After confirming there's not fault in the product you may press this button to reset the overload protector.

NOTE: The power station can be safely charged with both the DC and AC inputs simultaneously to increase the charging input and reduce the charging time.

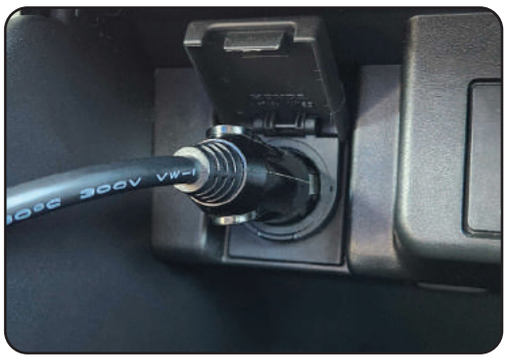
Charging the Power Station Using a Car Charger

1. Attach DC charging cord to unit

The DC charging cord outlet is located on the back side of the power station. Lift up the charging cord outlet cover and plug in the charging cord. Ensure that you connect the red wire to the red input and the black wire into the black input.

2. Start the charging vehicle

Start the charging vehicle prior to connecting the DC charging cord to the car charger.



3. Plug in the DC charging cord

Plug in the DC charging cord to the car charger.

Charging the Power Station Using a Solar Panel

The power station will be compatible with any solar panels rated between 10V-150V with an APP connector. See the below table for recommended solar panels.

Recommended Solar Panels	
Model	**Watts**
Bluetti SP120	120
Bluetti SP200	200
ECOFLOW EFSOLAR 160W	160
Renogy RNG-100D-SS	100
Renogy Solar Panel 200 Watt 12V	200

1. Attach DC charging cord to unit

The DC charging cord outlet is located on the back side of the power station. Lift up the charging cord outlet cover and plug in the charging cord. Ensure that you match the red and black connections when plugging in the cord.

2. Plug in the Solar Panel

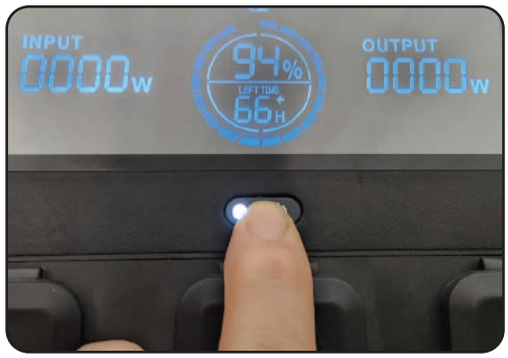
Plug in the solar panels matching the corresponding red and black connections. The power station can accept up to 1200W of charge from all the connected solar panels.

WARNING: The power station should be fully charged every 180 days if in storage to keep the internal battery in proper working condition.

WARNING: Always use panels with the same nominal voltage rating if your using multiple solar panels.

NOTE: The power station can be safely charged with both the DC and AC inputs simultaneously to increase the charging input and reduce the charging time.

Using the Power Station AC Output



1. Hold the power button

The power button is located under the main display. Press and hold the power button for 3 seconds to turn on the power station.

2. Turn on the AC power

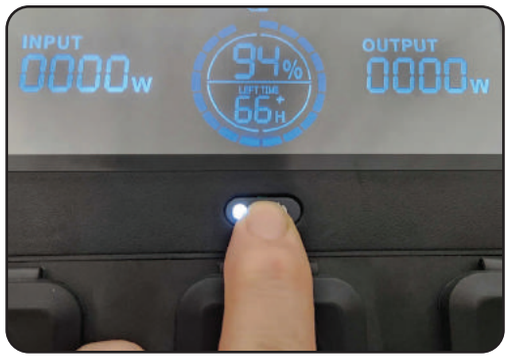
The AC power button is located on the right side of the main control panel. Press the AC power button to activate the AC receptacles on the power station, such as the 120V 20A GFCI outlets and the 120V 30A outlet.

3. Plug in devices

Once the AC outlets are turned on, you may now plug in your desired AC powered devices.

NOTE: The AC power and DC power can be used simultaneously or independently.

Using the Power Station DC Output



1. Hold the power button

The power button is located under the main display. Press and hold the power button for 3 seconds to turn on the power station.

2. Turn on the DC power

The DC power button is located on the left side of the main control panel. Press the DC power button to activate the DC receptacles on the power station, such as the USB-A and USB-C outlets.

3. Plug in devices

Once the DC outlets are turned on, you may now plug in your desired DC powered devices.

NOTE: The AC power and DC power can be used simultaneously or independently.

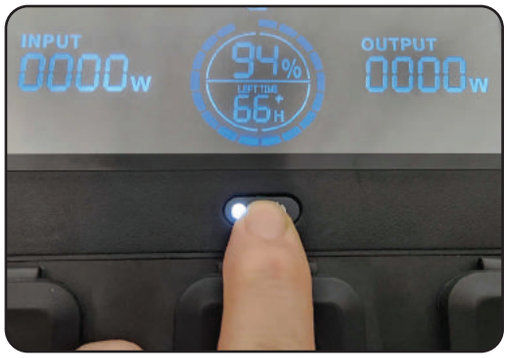
Shutting Down the Power Station

1. Unplug all connected devices

Turn off all connected electrical devices and unplug them from the power station.

2. Turn off AC/DC power

Turn off both the AC and DC output power.



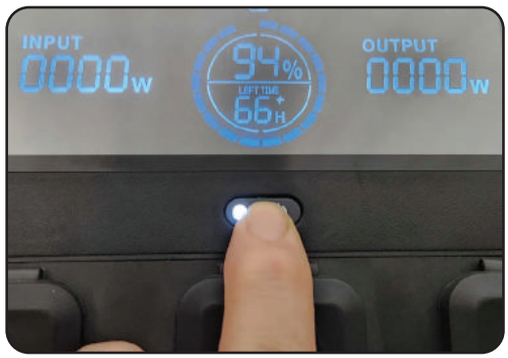
3. Hold the power button

The power button is located under the main display. Press and hold the power button for 3 seconds to turn OFF the power station.

WARNING: Do not turn off the power station before disconnecting the electrical items getting powered. Shutting off the power station while its still generating electricity might damage the internal inverter.

Using the Power Station ECO Mode

Using the ECO mode on the power station will cause the power station to run more efficiently and help conserve the power. To activate and use ECO mode, see the following instructions:



1. Click the power button twice

Click the power button twice in quick succession to activate ECO mode.

2. Verify ECO mode is engaged

If ECO mode was engaged successfully, then you should see the ECO icon symbol in the bottom right side of the display.

3. Turn on AC/DC and connect

Turn on the AC and/or DC power and start connecting your items to use the power station in energy saving mode.

Using the Power Station UPS Mode

The power station is capable of operating as an uninterrupted power supply (UPS) to help keep a steady power supply to sensitive equipment in the event of a power outage.

1. Plug in AC charging cord

The AC charging cord outlet is located on the back side of the power station. Lift up the charging cord outlet cover to plug in the AC charging cord and plug the other end into a standard 120V wall outlet.

2. Turn on AC and connect

Turn on the AC output and connect your devices to the power station.

3. Verify UPS mode is engaged

Verify the UPS symbol is showing in the upper right hand corner of the display to confirm the UPS mode is engaged.

Using the Power Stations in Parallel

The power station is capable of paralleling with another power station of the same model. If connected in parallel the output current will increase to help with larger load items.

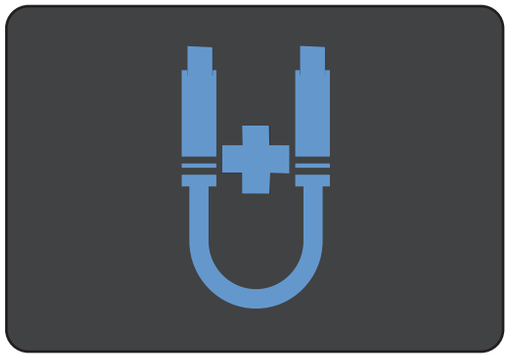
CAUTION: Do not power the power stations on prior to connecting the parallel cables to avoid damaging the internal inverter.

1. Plug in the parallel cables

Plug in the parallel cables on both power stations using the top 2 red and black parallel connection ports. Note: Ensure to match the red and black parallel leads with they're corresponding color output port.

2. Turn on both units

Turn on each power station to activate the parallel mode.



3. Turn on AC output and connect

Verify the parallel symbol is showing in the upper right hand corner of the display. Turn on the AC output and connect your devices. Either power station can be used to draw the combined power in parallel.

Parallel Operation With an Inverter Generator

The power station is capable of paralleling with an inverter generator. If connected in parallel the output current will increase to help with larger load items.

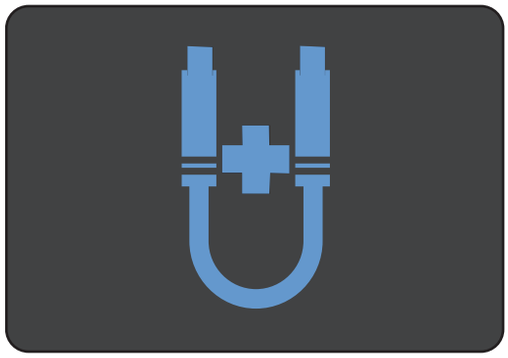
CAUTION: Do not power the power station and inverter generator on prior to connecting the parallel cables to avoid damaging the internal inverters.

1. Plug in the parallel cables

Plug in the parallel cables to both the power station using the top 2 red and black parallel connection ports and the inverter generator. **Note: Ensure to match the red and black parallel leads with they're corresponding color output port.**

2. Turn on both units

Turn on the inverter generator, then turn on the power station.



3. Turn on AC output and connect

Verify the parallel symbol is showing in the upper right hand corner of the display. Turn on the AC output and connect your devices. The combined power output can be drawn from the power station or inverter generator.

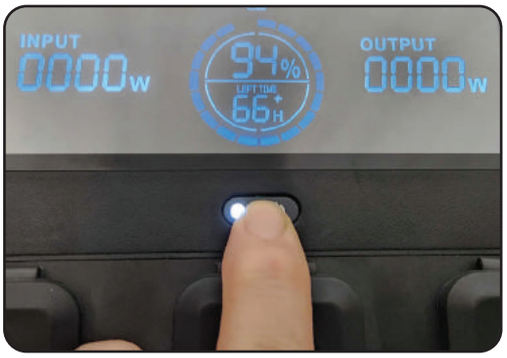
Turning Off the Power Station While in Parallel

1. Turn off all connected devices

Turn off all the connected devices on both paralleled power stations and unplug devices.

2. Turn off the AC power

Turn off the AC power output on both power stations.



3. Turn off power stations

Turn off both power stations by holding the power button on each unit for 3 seconds, then unplug the parallel cables.

Using the Power Station Lights

Using the back light

The light control button for the back light will be located under the back light.

- Press the light control button once to turn on low light mode.
- Press the light control button two times to turn on medium light mode.
- Press the light control button three times to turn on high light mode.
- Press the light control button four times to turn on strobe light mode.
- Press the light control button five times to turn on SOS light mode.
- Hold the light control button for 3 seconds to shut off the light.

Using the side light

The light control button will be located under the back light. Double click the light control button to switch between side light mode and back light mode. When the side light mode is engaged, the unit will default to low light mode.

- Press the light control button once to turn on medium light mode.
- Press the light control button two times to turn on high light mode.
- Press the light control button three times to turn on strobe light mode.
- Press the light control button four times to turn on SOS light mode.
- Hold the light control button for 3 seconds to shut off the light.

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SPECIFICATIONS

Model Number	XP2000PX
Battery Capacity	1843.2 Wh
Max Power Output	4000W
Rated Power Output	2000W
Battery Type	LiFePO4
Battery Lifespan	≥3000 charge cycles until 80% capacity
Battery Cell Voltage	3.2V
Battery Cell Capacity	6 Ah
Recommended Charging Temperature	32°F to 104°F (0°C to 40°C)
Recommended Discharging Temperature	14°F to 104°F (-10°C to 40°C)
Dimensions	16.93” L x 10.83” W x 11.81” H
Weight	61.71 lbs
Wireless Charging Output	15W
USB-A Output	5V-2.5A, 9V-2A, 12V-2A (24W max)
USB-C Output	5V/9V/12V/15V/20V-5A (100W max)
AC Voltage Output	120V
AC Outlet Types	NEMA 5-20/NEMA TT-30
AC Frequency	60 Hz
AC Input Charge	100V~120V AC 60 Hz (1200W max)
DC Input Charge	10V~150V (1200W max)
UPS Transfer Time	≤25ms
DC Input Port	Anderson (APP)
Enclosure	ABS + PC
Flame Retardant Type	V0-UL94
Protections	Over Temp/Low Temp/Low Voltage/Short Circuit/ Overload/Over charge/Over discharge/PWM or MPPT Charge Controller
Certifications	FCC/UN38.3/MSDS/PEKS/SEKS

TROUBLESHOOTING

Mode	Description	Solution
No power output Warning icons on display	DC outlets overloaded	Unplug DC powered items. Press DC power button to turn DC power back on
	AC outlets overloaded	Unplug AC powered items. Press AC power button to turn AC power back on
	Device is faulty	Check all plugged in devices for frayed or faulty wires
	Device not compatible with USB outlet	Check your devices charging capability and try different USB outlet
	Unit is too hot	Check if the display is showing the TEMP warning icon. If shown, turn off the unit and place in a cooler location and allow the unit to cool
	Unit is too cold	Check if the display is showing the TEMP warning icon. If shown, turn off the unit and bring to an indoor location until unit warms up
Power station will not turn on	Battery is not charged	Plug in the power station to charge the battery
	Did not hold power button long enough	Ensure to hold the power button for 3 seconds to power the unit on
	Battery is faulty	Contact DuroMax customer service at 844-DUROMAX
Unit will not charge through wall outlet	Home circuit breaker is tripped	Check your homes main breaker panel and reset the breakers as necessary
	Faulty charging cable	Check if the charging cable is frayed or faulty

Mode	Description	Solution
Unit will not charge through solar	Solar panels are not within specification	Check that your solar panels are rated between 10V-150V
	Solar panels improperly connected	Verify that the solar panels are properly connected at the outlet and fully clipped on the solar charging cables
	Solar panels not receiving enough sunlight	Check that your solar panels are properly facing the direction of the sun and that there's sufficient sunlight. Read your solar panel's instruction manual for details on proper placement
Unit not charging at solar panel rated wattage	Charging wattage depends on the current environmental conditions and panel efficiency	Check that your solar panels are properly facing the direction of the sun and that there's sufficient sunlight throughout the day. Read your solar panel's instruction manual for details on proper placement
	Unit is nearing 100% battery level and is slowing down to a safer charging rate	The charging power and rate will be reduced as the battery level gets closer to 100% for safety

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WARRANTY

3-Year Warranty or 1000 Cycle Limited Warranty

DuroMax warrants to the original purchaser that the components will be free of defects in material and workmanship for a period of three (3) years or 1000 cycles (parts and labor), whichever occurs first, from the original date of purchase and 90 days (parts and labor) for commercial and industrial use. Transportation charges on product submitted for repair or replacement under this warranty are the sole responsibility of the purchaser. This warranty only applies to the original purchaser and is not transferable.

Warranty Exclusions

This warranty does not cover the following repairs and equipment:

Normal wear products with lithium batteries should be charged regularly to perform well. The Power Station must be fully charged at least once every 6 months (180 days). This warranty does not cover repair when normal use has exhausted the life of a part, like the batteries, or the equipment.

Installation, Use and Maintenance This warranty will not apply to parts and/or labor if the product is deemed to have been misused, neglected, involved in an accident, abused, loaded beyond the product's limits, modified, installed improperly or connected incorrectly to any electrical component. Normal maintenance is not covered by this warranty and is not required to be performed at a facility or by a person authorized by DuroMax.

This warranty excludes:

(1) Items purchased from unauthorized resellers.
(2) Any defects or damages caused by exposure to excessive heat, cold, corrosive or conductive fluids, liquids such as water, seawater, industrial chemicals, bleach or bleach containing products or other external causes.
(3) Cosmetic defects on plastic, labels, etc.
(4) Failures due to acts of God and other events beyond the manufacturer's control.
(5) Problems caused by parts that are not original DuroMax Power Equipment parts.
(6) Any battery cell or product containing a battery cell unless the battery cell has been fully charged after purchase of the product and at least once every 6 months (180 days) thereafter.

Warranty Limitations

DuroMax Power Equipment does not claim or hold any obligation to loss of time, freight charges, use of the product, or any incidental damages from the use of this product. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. A unit provided as an exchange will be subject to the warranty of the original unit. The length of the warranty governing the exchanged unit will remain calculated by reference to the purchase date of the original unit.

DuroMax

CUSTOMER SERVICE DEPARTMENT

DuroMax Power Equipment is committed to ensuring that our products perform when they need to. Our power stations are your lifeline in the event of an emergency. Should you have any problems, please contact our customer service department:

DUROMAX POWER EQUIPMENT
5800 Ontario Mills Parkway
Ontario, CA 91764

Customer Service: 844-DUROMAX
Customer Service Hours: 8-5 pm PST Mon-Fri

Website: www.duromaxpower.com
Email: customerservice@duromaxpower.com

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REV: XP2000PX-04012024