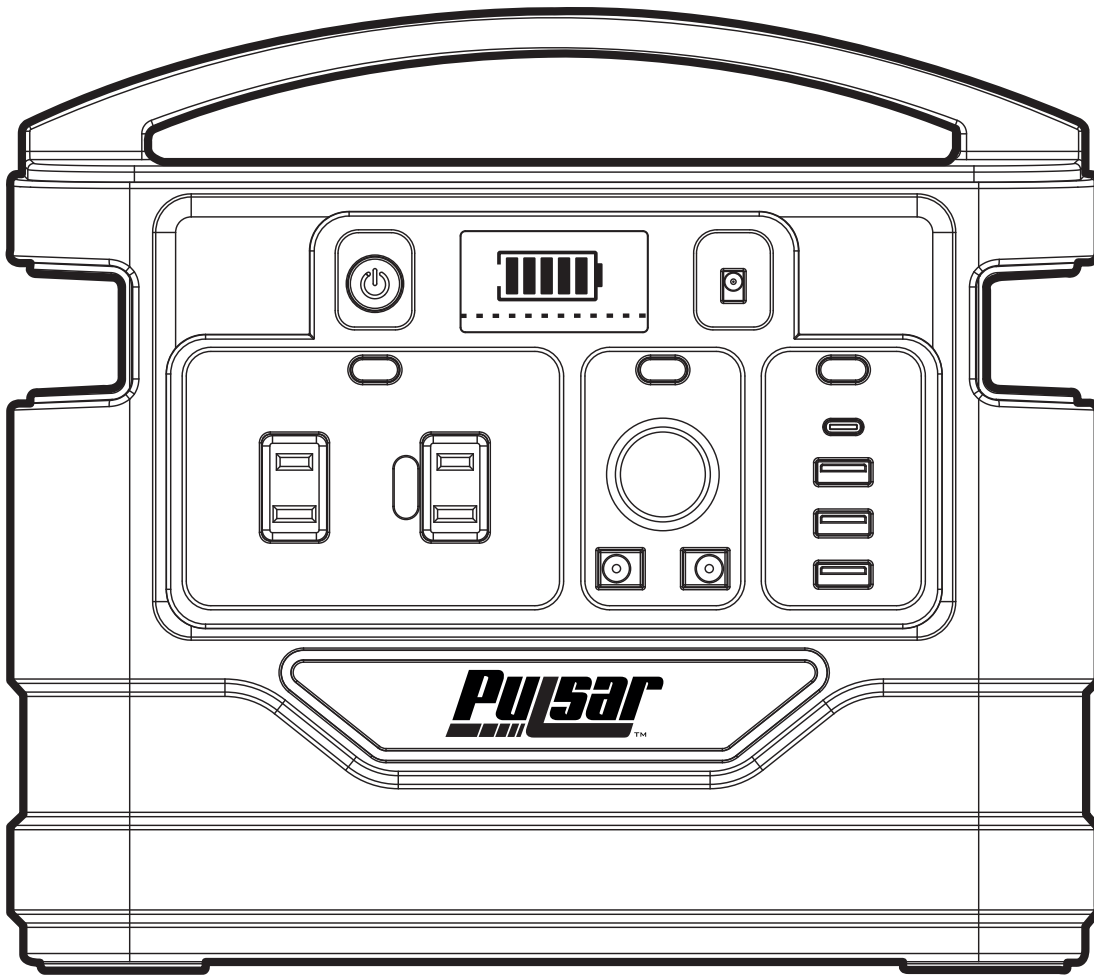




Model# PPS500

500 Watt Power Station  
**OPERATOR'S MANUAL**



**DO NOT RETURN TO STORE!**  
HAVE QUESTIONS OR NEED SERVICE?



866-591-8921



support@pulsar-products.com

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## Specifications


Model: PPS500  
Battery: 518Wh Lithium-Ion Battery  
1X Wireless Cell Phone Charging Pad  
DC Input: 11-30V, 2.5A (60W MAX)  
Solar Compatible  
USB C Port: PD45W  
USB A Ports: 1 at 18W, 2 at 5V/2.4A  
2 AC Outlets: at 110VAC, 60Hz, 500 Watt Pure Sine Wave  
12V Car Outlet and DC Outputs: 12V/10A  
Operating Temperature: +14°F to + 104°F (-10°C to +40°C)  
Charge Time: 12 Hours


# Safety Information

## GENERAL SAFETY

Read this operator’s manual carefully in its entirety before attempting to use this power station. Read, understand, and follow all instructions on for this power station and in the manual before operation. Keep this manual in a safe place for future and regular reference and for ordering replacement parts.

 **DANGER:** Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

 **WARNING:** Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.


 **CAUTION:** Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

 **IMPORTANT:** Indicates operation or maintenance information which is important but not hazard-related.

**NOTICE:** Indicates a practice not related to personal injury which, if not avoided, may result in property damage.

- 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.
- DO NOT charge, use or store the unit in a bathroom or in an area exposed to rain or moisture.

- Only use the output socket to power external devices.
- DO NOT touch the unit or the plug if your hands are wet.
- DO NOT connect any metal objects to the AC input or output.
- DO NOT rub your eyes if fluid from inside the unit should get in your eyes.
- DO NOT dispose the unit together with household waste. Call your city and ask what is the proper method of disposing your power station.
- DO NOT use any power cords that are damaged.
- 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.

 **WARNING:** Handling the power cord on corded products may expose you to lead, a chemical known to the State of California to cause cancer and birth defects or other reproductive harm. Wash hands after handling.

- Use and store the unit only in a clean and dry place. Do not use and store in dusty and wet areas.
- 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.

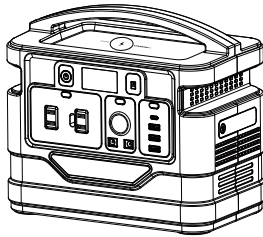
## Safety (continued)

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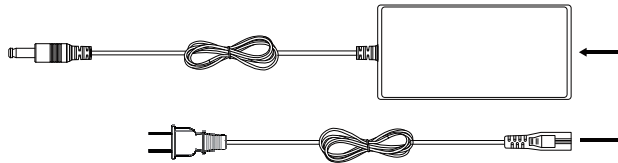
- Keep the unit away from children. Do NOT let children use the power station.
- Keep this product away from pets.
- Do NOT use or store the unit in an area that is extremely hot. Store in a cool dry place.
- Should fluid from inside of the unit come in contact with your skin or clothing, wash the affected areas with water.
- In a storm, unplug the power cord from the socket.
- DO NOT charge the unit in outlets that operate more than 100-240V.
- DO NOT place the unit on its side or upside down while in use or storage.
- If rust, peculiar odors, overheating or other abnormal circumstances are observed, stop using the unit immediately and contact our customer support team at 866-591-8921.
- The unit complies with all legal requirements for transport of dangerous goods.
- Make sure that the unit is properly secured when transporting.
- Only charge, use and store the unit within an ambient temperature of 0 to 40°C (32-104°F).
- Switch the unit off immediately if it has accidentally fallen, was dropped.
- Carefully read the instructions for the electric devices that you intend to connect to your power station.
- Make sure that the device you are connecting is switched off before you connect it.

# What's In The Box

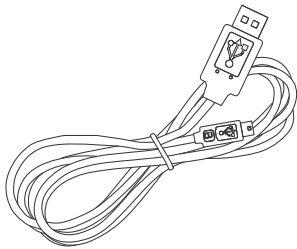
When opening the power station box please make sure all accessories below are accounted for and undamaged. If the power station or accessory is damaged please contact our support team at 866-591-8921 or [support@pulsar-products.com](mailto:support@pulsar-products.com).



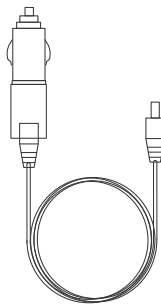
Power Station



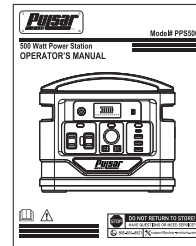
AC Adapter



USB Cable

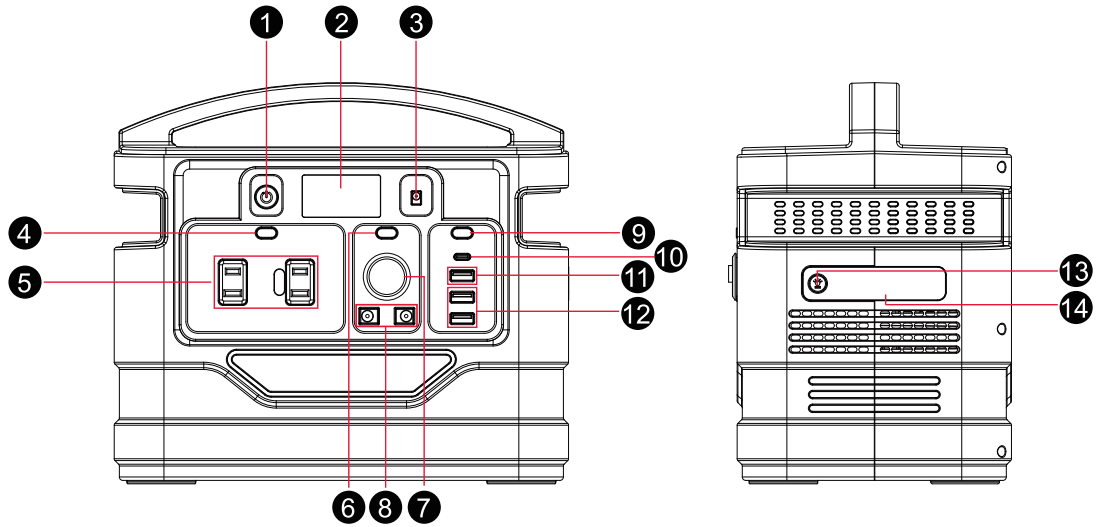


Car Adapter



Operator's Manual

# Power Station Call Outs



- 1) Power Button
- 2) LCD Display
- 3) DC Input
- 4) AC Switch

- 5) AC Output
- 6) DC Switch
- 7) 12V Car Outlet
- 8) DC Output

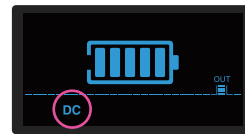
- 9) USB Switch
- 10) PD45W
- 11) 18W USB
- 12) 2.4A USB

- 13) LED Switch
- 14) LED Light

# Operation

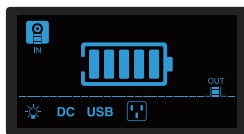
## LCD DISPLAY

- The LCD display screen indicates battery capacity and the input or output of the power station. When the “Power Button” is pressed, the LCD screen will light up and indicate the battery capacity.



The LCD screen will go into sleep mode after 30 seconds.

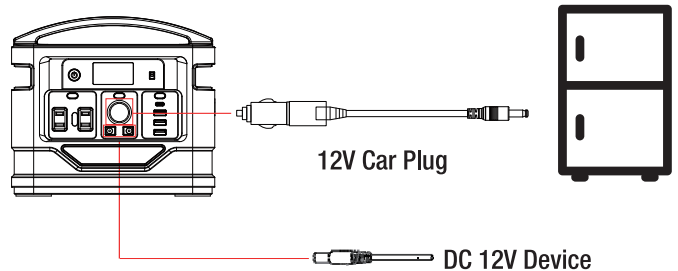
- If you press the (DC Switch) again the DC ports will turn off.



## DC Output Ports

**NOTICE:** Make sure to turn the power station (On) to perform any function.

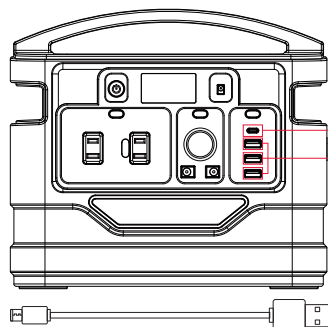
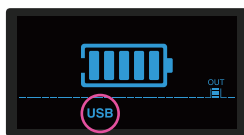
- Connect your device to the DC output port or the 12V car outlet. Press the (DC Switch) to turn on the DC ports. The LCD screen will display (DC).



# Operation

## USB Ports


- Press the (USB Switch), the LCD screen will show (USB). Now you can connect your electronic device to a USB port using a charging cable.

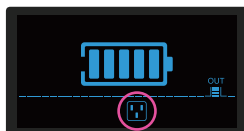


USB Output 1: PD45W  
USB Output 2: 18W  
USB Output 3/4: 5V --- 2.4A (Max)

- Press the (USB Switch) again to shut off the USB function.

## AC Outlets

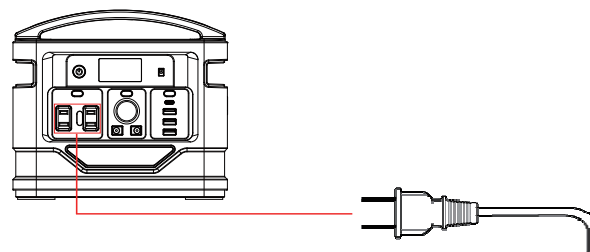
- Press the (AC Switch) to turn on the AC Outlets and connect AC devices. The  symbol will show on the LCD screen. Make sure that the total power consumption for all your AC appliances connected are less than 500 Watts.



- Press the (AC Switch) again to shut off the AC function.



**WARNING:** The interface specifications and voltage standards in different countries are different. Before use, carefully check whether the product specifications are consistent with the usage specifications of the electrical appliances, otherwise it may lead to dangerous conditions.

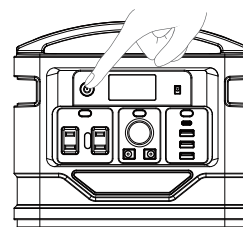


- If the AC device has a short or more power is required than the rated output on the power station. The power station will trigger the power stations circuit breaker if a short circuit occurs or if the power station overloads.





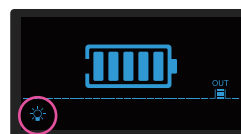
**WARNING:** Do not exceed a load over 500 watts or the device will shut down.




- Make sure to shut the power station off when not in use.

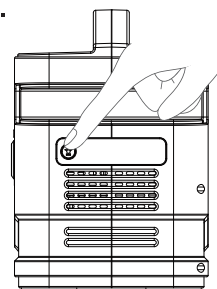


## Flashlight

- Press the  button for 2 seconds to turn the LED light on. The  icon will display on the LCD screen.



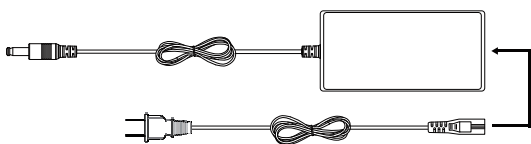
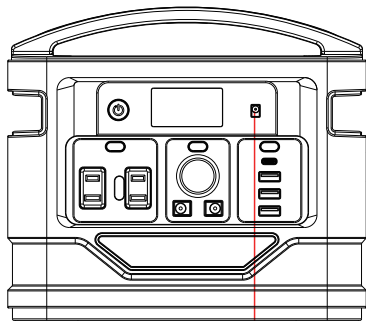
- Press the  button again to activate the SOS mode.
- Press the  button one more time for (Rapid Flash) mode.
- Press the  for 2 to 4 seconds to shut the LED light function off.



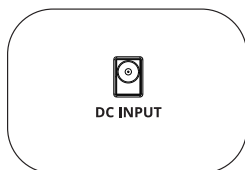
# Operation

## RECHARGING THE POWER STATION

- Connect the AC adapter to the DC charging port. Then plug in the AC adapter to a wall outlet. Charge time is approximately 12 hours.

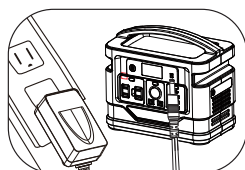


Step 1





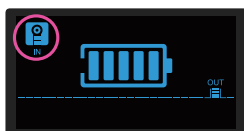
Connect to (DC Input) port.

Step 2



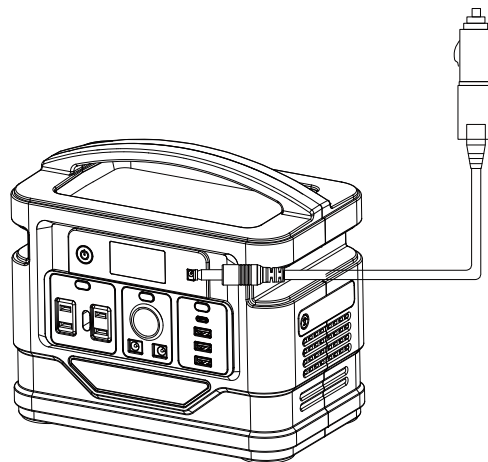
Plug in to wall outlet.

- When the product is charging the  and the  icon will display flashing on the LCD screen. When fully charged it will turn off.



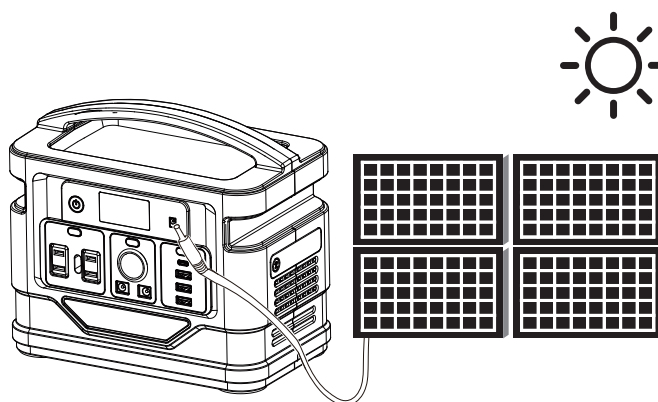
## Charging The Power Station with a Car Adapter

- Plug in the car adapter and connect it to the 12V car outlet in your vehicle.



## Charging the Power Station with Solar Panels

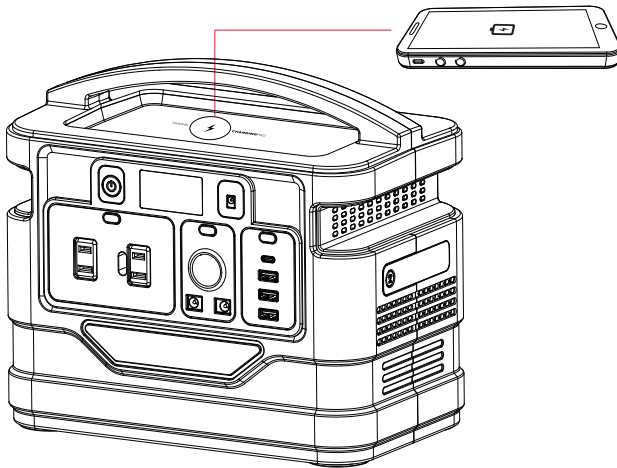
- Place the solar panel in direct sunlight.
- Do not expose the power station to direct sunlight or wet conditions.
- Connect the solar panel dapter (not included) to recharge the power station.



# Operation

## How to Use the Charging Pad

- Make sure the power station is on. The wireless symbol on the LCD screen will display ((⚡)) symbol that will keep flashing (stand by mode). Place your phone over the center of the charging pad. The phone will start to charge and the ((⚡)) symbol will stop flashing and stay on (charging mode).



## Storage and Handling

- If the product is stored for more than 3 months, please recharge the product for maximum performance.
- Using a charger produced by a non-OEM manufacturer may cause damage to this power station.
- Do not place this product near a hot source.
- Use approved Pulsar replacement parts only.
- Do not use this product beyond the rated load.
- Use this product in a well ventilated area.
- Do not store or use it in a place exposed to direct sunlight or near a heat source.
- Do not attempt to open the power station to avoid the danger of electric shock and fire.

### Additional Safety Warnings

- This power station is not intended for use by unsupervised children.
- Do not use as a toy.
- Do not let the power station get wet.
- Do not immerse the power station in water.
- Do not expose the power station to high temperatures.
- If battery leakage occurs and if the skin or eye accidentally come in contact, rinse immediately with water and seek medical attention.
- Pulsar does not assume any responsibility for problems caused by improper operation.