

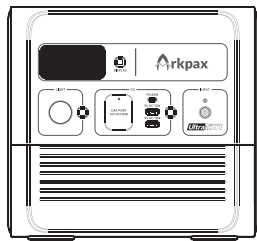
# Arkpax TITAN

## Portable Power Station

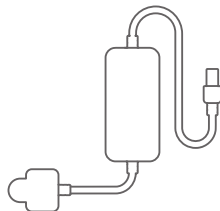


User Manual

## WHAT'S IN THE BOX



Titan



AC adapter



Accessories Pouch

Please ensure that you have received all of the accessories. If any items are missing, please do not hesitate to contact us at [info@Arkpax.com](mailto:info@Arkpax.com)

## UNBOXING NOTES

1. This manual contains instructions in English, Japanese, and German. For instructions in French, Spanish, Italian, or Korean, please visit our website at [www.arkpax.com](http://www.arkpax.com) and download the PDF version of the manual.
2. Ensure that you have received correct model and accessories.
3. Fully charge it by plugging it into a suitable power outlet.
4. If you have any issues, please contact us at [info@arkpax.com](mailto:info@arkpax.com) for assistance.

## THANK YOU FOR YOUR PURCHASE

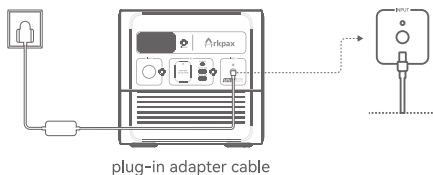
Before using this product, please read this “User manual” carefully and use it correctly. By beginning to use this product, you are deemed to have accepted and agreed to all the terms of this document. Improper use of this product can cause serious harm to yourself, others, product damage, and property damage. We strongly advise you to review this manual thoroughly and keep it in a safe place for future reference.

## DISCLAIMER

Our company is not responsible for any damage caused by fire, earthquake, acts by third parties, accidents, customer negligence, misuse, malfunction, or use under abnormal conditions. Our company shall not be held responsible for any damage caused by customers who do not use the product according to this manual. While we will comply with the law, our company has the final right to interpret this document and this product. Please note that we will not provide direct notifications in case of any updates, revisions, or termination.

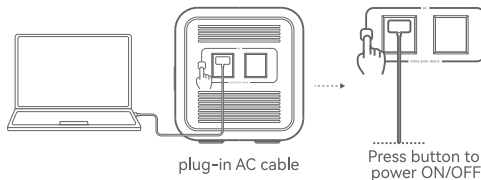
## QUICK GUIDE

Fully charge before use



plug-in adapter cable

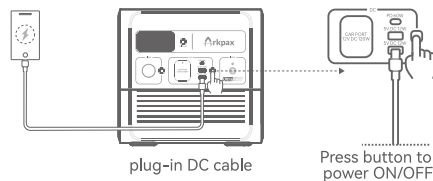
How to use AC output



plug-in AC cable

Press button to power ON/OFF

How to use DC output



plug-in DC cable

Press button to power ON/OFF

How to use light



Press button to ON/OFF

## SPECIFICATIONS

### General Information

|                  |                                     |
|------------------|-------------------------------------|
| Model            | Titan 1200-US                       |
| Net weight       | Approx. 9.2kg                       |
| Dimensions       | Approx. 286 x 222 x 270mm           |
| Battery Capacity | 1023.1Wh (25.2V $\approx$ , 40.6Ah) |
| Power            | 1200W Max.                          |

### Output

|               |  |
|---------------|--|
| AC port (x2)  | Pure sine wave, 1200 W total output<br>peak 2400W, 120V ~ 60Hz |
| USB-A (x2)    | 5V $\approx$ 2.4A 12W Max.                                     |
| USB-C (x1)    | PD 5/9/12/15/20V $\approx$ 3A 60W Max.                         |
| Car port (x1) | 12V $\approx$ 10.0A 120W Max.                                  |

### Input

|                                |                                |
|--------------------------------|--------------------------------|
| DC input (AC adapter)          | 36V $\approx$ 8.33A 300W Max.  |
| Solar panel (*Sold Separately) | 15-28V $\approx$ 11A 200W Max. |
| Car port (*Sold Separately)    | 12.5-13.5V $\approx$ 100W Max. |

### Cell specifications

|            |  |
|------------|--|
| Cell Type  | NCM  |
| Cycle life | At room temperature, 1,000 cycles (over 80%)   |
| Protection | High temperature protection, low temperature protection, over discharge protection, over charge protection, overload protection, short circuit protection, over current protection |

### Operating temperature

|                              |                      |
|------------------------------|----------------------|
| Operation temperature        | -13~122°F (-25~50°C) |
| Solar charging temperature   | 14~122°F (-10~50°C)  |
| Adapter charging temperature | 32~104°F (0~40°C)    |
| Storage temperature          | -40~167°F (-40~75°C) |

\*Solar charging below freeze point will be derated

# SAFETY GUIDE

## Warning:

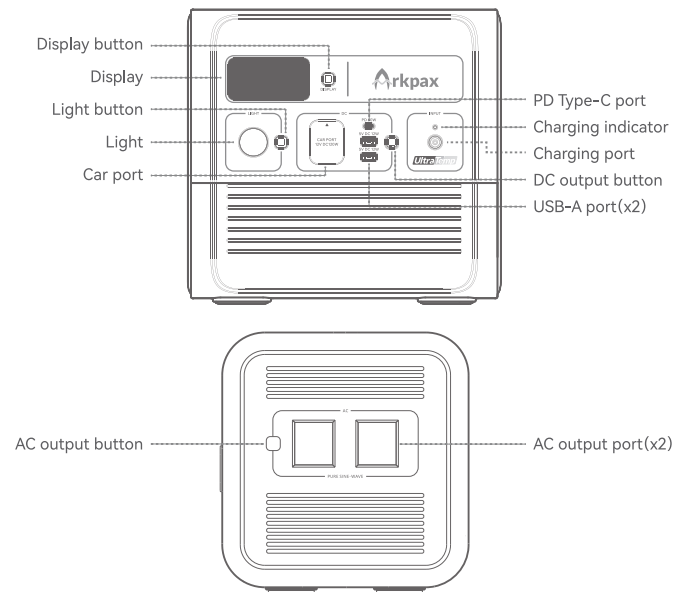
For your own and other's safety, please read all instructions carefully before using the powerstation.

1. It is prohibited to expose the powerstation to heat sources, such as fire or a heating furnace, or to environments above 60°C.
2. Strictly follow the recommended operating temperature when using the powerstation. Overly high temperatures may cause the battery to catch fire or even explode, while overly low temperatures will seriously degrade powerstation performance and may cause it to stop functioning altogether.
3. Keep the powerstation in a ventilated and dry place, away from dusty environments. Do not use the powerstation in the rain or damp environments.
4. It is prohibited to disassemble or damage the powerstation in any way, as this may cause fire, explosion, electric shock, or other unpredictable risks.
5. Do not use unauthenticated accessories, which may cause electric shock or other unpredictable risks.
6. It is prohibited to use damaged cables or plugs with the powerstation to avoid electric shock or other unpredictable risks.
7. Unplug the power supply when the powerstation is not in use.
8. Store the powerstation properly and keep it out of reach of children and pets.
9. We suggest fully charging the powerstation before long-term storage to ensure you have enough power for emergency use.
10. We suggest fully charging the powerstation every 6 months.
11. Make sure you are not storing the powerstation in low battery mode. Low battery storage for a long time may permanently damage the battery and render it unable to recharge.

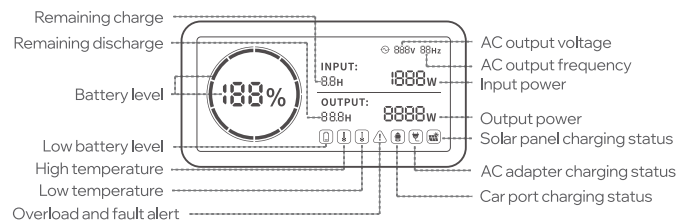
## Disposal:

1. If possible, please discharge the powerstation completely before recycling. Do not dispose of it with normal garbage. You should follow your local government's guidance or laws for battery disposal.
2. If the powerstation is broken or malfunctioning and cannot be discharged, please contact your local professional battery recycling facility or company for instructions.

# INTRODUCTION



## DISPLAY ICONS

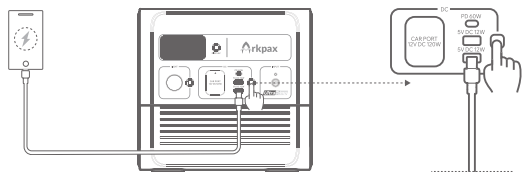


# OPERATIONS

## Discharge

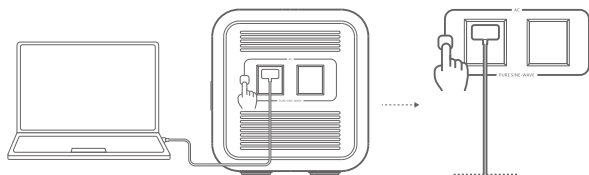
### DC discharge

To begin discharging using the DC ports, plug in any compatible device, then press the DC button. The indicator around the button and the display lights will turn on to indicate that the powerstation is discharging. Press the button again to switch the discharge off.



### AC discharge

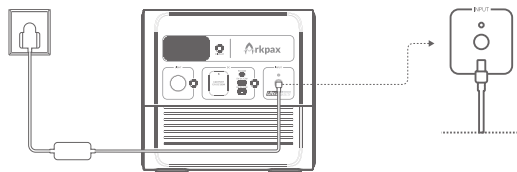
To begin discharging using the AC ports, plug in any compatible device, then press the AC button. The indicator around the button and the display lights will turn on to indicate that the powerstation is discharging. Press the button again to switch the discharge off.



## Recharge

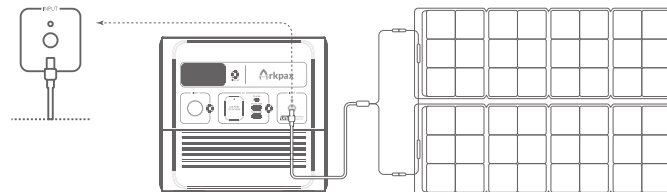
### AC adapter

To charge the powerstation using the AC adapter, plug the adapter into the input port, then plug it into a wall socket.



### Solar adapter (sold separately)

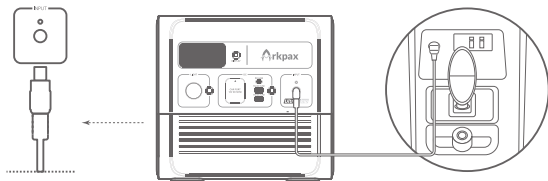
Please contact your local reseller for solar panels with 8022 adapter. The powerstation support up to 200W MAX. panel. Plug-in the solar panel to input port to charge.



## Recharge

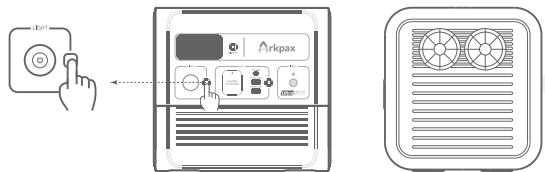
### Car adapter (Optional by region)

To charge the powerstation using a car adapter, please contact your local reseller for compatible products. The powerstation supports adapters up to 100W MAX. To charge, plug the car adapter into the input port.



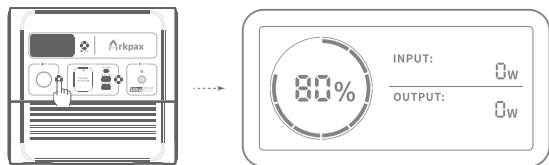
### Light

To turn the light on, press the Light button. To turn it off, press the button again. To enter SOS mode, long press the Light button for 2-3 seconds. Press the button again to turn off SOS mode.



### Display

When the powerstation is not in use, the display will automatically turn off after 5 minutes of inactivity. To turn the display back on, press the Display button.



- What type of battery is used in the powerstation?**  
 The powerstation uses a high-quality NCM lithium battery.
- What devices can be driven by the powerstation's AC output port?**  
 The powerstation's AC output port has a continuous power of 600W, peak at 1200W and can supply power to most consumer electrical products. However, it is recommended that you confirm the power of the electrical appliance before use. To ensure that the sum of the power of all load devices is less than the powerstation's rated power.
- Why is there a humming sound when using the powerstation?**  
 The powerstation is designed with an air-cooling system, and the built-in fan can help heat dissipation. It is normal to hear a faint noise when using it.
- How to know how long the powerstation's power lasts?**  
 The LCD displays the battery remain discharge time for devices with stable power usage.
- Can the powerstation be brought on board a plane?**  
 No. This product contains a lithium battery. According to the International Air Transport Standard Regulations, any products carrying lithium batteries over 100Wh cannot be brought on board a plane.
- Is the actual output capacity the same as the nominal capacity?**  
 There is a certain efficiency loss when charging and discharging the powerstation. The nominal capacity is the battery pack's rated capacity. As such, the actual output capacity is slightly lower than the nominal capacity.