

# KICKASS



**KICKCHARGE 2048WH CAMPING  
POWER STATION WITH INVERTER**

**OWNER'S MANUAL**

**KAPHUB-2000**

V1:2

# TABLE OF CONTENTS

|  |    |
|--|----|
| WARNING AND SAFETY INFORMATION -----   | 1  |
| PRODUCT SPECIFICATIONS -----           | 2  |
| INCLUDED COMPONENTS -----              | 3  |
| UNDERSTANDING YOUR POWER STATION ----- | 4  |
| UNDERSTANDING THE LCD DISPLAY -----    | 6  |
| RECHARGING THE POWER STATION -----     | 7  |
| USING THE POWER STATION -----          | 8  |
| CLEANING INSTRUCTIONS -----            | 10 |
| TROUBLESHOOTING -----                  | 10 |
| WARRANTY & SUPPORT INFORMATION -----   | 11 |

# WARNING AND SAFETY INFORMATION

- Read the user manual carefully before using the product.
- DO NOT use the product near a heat source, such as a fire source or a heating furnace.
- Avoid contact with liquids of any kind. DO NOT operate or expose the product to rain or any wet/high moisture environment where the product may be exposed to any form of water.
- DO NOT operate the product with a damaged cord or plug, or a damaged output cable.
- DO NOT use the product around strong static electricity or magnetic fields.
- DO NOT disassemble in any way or puncture the product with sharp objects.
- To reduce the risk of damage to the electric plug and cord, pull the plug rather than the cord when disconnecting the product.
- DO NOT short circuit.
- This product must not be used by people (including children) with reduced physical or mental capabilities. Also, this product is not to be used by a person who has a lack of knowledge or experience with this type of product, unless they are being supervised by a person who is competent in the safe use of this type of product.
- Store the product in a dry and ventilated place.
- Fully charge the power station before first use or if the power station has not been used for a long period of time.
- To maximize the battery life, it is highly recommended to fully charge the battery every 3 months.
- The power station supports charging and discharging simultaneously.

# PRODUCT SPECIFICATIONS

|  |  |
|--|--|
| <b>Battery Capacity</b>                    | 2048Wh /51.2V 40Ah   |
| <b>Cell Type</b>                           | LiFePO4  |
| <b>AC Output</b>                           | 2400W continuous   |
| <b>1 x USB C PD Output</b>                 | 100W Max   |
| <b>3 x USB C PD Output</b>                 | 20W Max  |
| <b>2 x USB A Output</b>                    | QC 3.0 18W Max   |
| <b>Cigarette Lighter Output</b>            | 12V /10A   |
| <b>2 x DC 5521 Output</b>                  | 12V / 3A   |
| <b>XT60 DC Output</b>                      | 12V / 25A 300W Max   |
| <b>LED Light Output</b>                    | 2W   |
| <b>XT 90 SOLAR &amp; DC CHARGING INPUT</b> | 12-50V/20A (500W Max)  |
| <b>AC Charging Input</b>                   | 1100W Max  |
| <b>Working Temperature</b>                 | -15~45°C   |
| <b>Weight (net weight)</b>                 | 24 kg  |
| <b>Product Dimensions</b>                  | 398*280*315mm  |
| <b>Product Certifications</b>              | IEC 62133-2:2017<br>IEC 62619: 2022<br>EN 55032<br>AS/NZS 62368.1:2022<br>AS/NZS 4763:2011 |

# INCLUDED COMPONENTS



POWER STATION



CARRY BAG



XT90 TO MC4 CABLE



AC POWER CABLE



XT60 TO  
ANDERSON CABLE

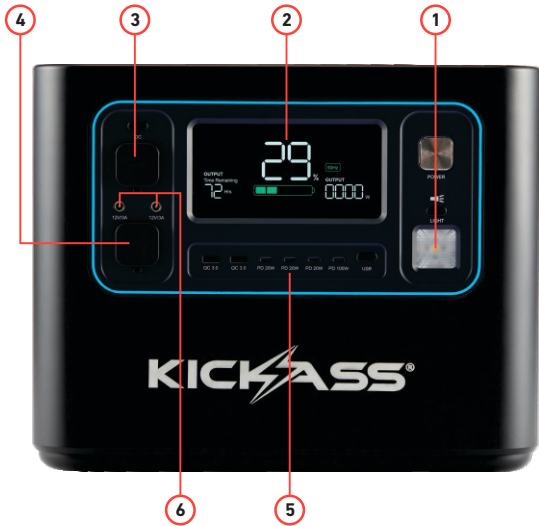


XT90 TO  
ANDERSON CABLE



XT90 TO CIGARETTE  
LIGHTER CABLE

# UNDERSTANDING YOUR POWER STATION



1. LED Light
2. LCD Display
3. 12V Cigarette Lighter Output
4. XT 60 DC 12V/25A Output
5. USB C PD 100W x 1, USB C PD 20W x 3 and USB A QC 3.0 x 2 Outputs
6. 12V DC 5521 Outputs 12V / 3A x 2



7



8

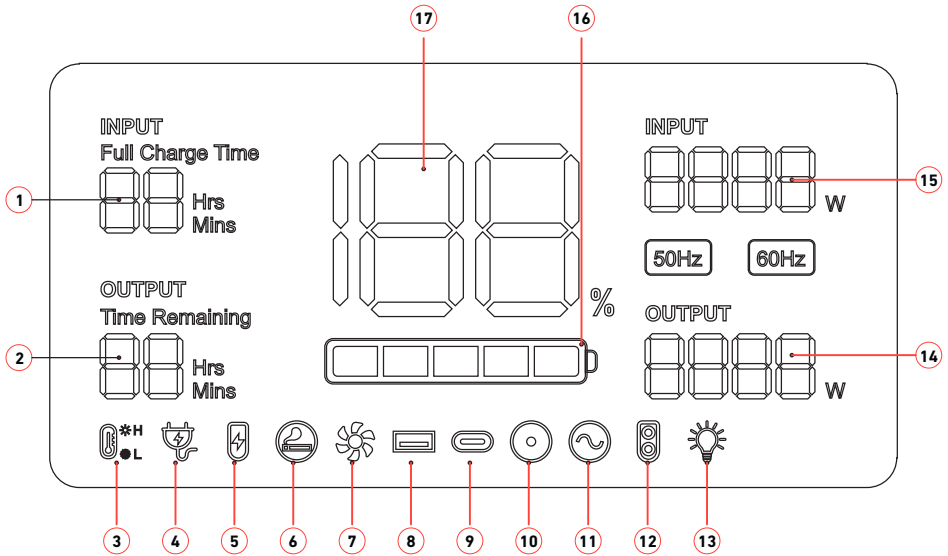
9

7. 2 x AC Outputs sharing 2400W Max
8. AC Charging Input
9. XT 90 Solar & DC Charging Input



- 10. On and Off power button
- 11. LED light On and Off control button
- 12. USB Output control button
- 13. DC Output control button
- 14. AC Output control button

# UNDERSTANDING THE LCD DISPLAY



- |  |                         |
|--|-------------------------|
| 1. Time to full                        | 11. AC output           |
| 2. Time to empty                       | 12. XT 60 DC output     |
| 3. High and low temperature protection | 13. LED light           |
| 4. AC input                            | 14. Output power status |
| 5. XT 90 solar input                   | 15. Input power status  |
| 6. 12V cigarette lighter output        | 16. Battery level       |
| 7. Fan activation                      | 17. State of charge     |
| 8. USB A QC 3.0 output                 |                         |
| 9. UXB C PD output                     |                         |
| 10. DC 5512 output                     |                         |

# RECHARGING THE POWER STATION

The Kick Charge 2400 Power Station contains a 2048Wh LiFePO4 battery pack. There are two ways that the battery can be charged.



Charging by 240V AC power cable (INCLUDED):  
Average charge time 2.5 hours



Charging by solar panels (NOT INCLUDED) through the XT90 input port: average charge time 4 hours on sunny days.

## Notes:

- As the battery SOC increases, the input power decreases progressively, with a noticeable reduction as it approaches full charge.
- The power station supports charging by AC and Solar simultaneously at about 1600W maximum. However, when the battery SOC reaches about 70%, the solar input will be automatically disconnected, and the power station continue to be recharged by AC only and follow the AC charging pattern stated as above.

# USING THE POWER STATION

The power station consists of multiple outputs that can be used at the same time.

## Turning on

- Turn on the power station by holding the power button for three seconds.

## Using outputs

- To use AC output, short press the AC control button to activate
- To use USB C or USB A output, short press the USB control button to activate.
- To use cigarette, XT60 or DC 5521 outputs, short press the DC control button to activate.

## AC Output

- There are two AC outputs on the side of the power station which shares a total output power of 2400W Max continuous.

## USB Output

- There are 6 USB ports on the power station.
  - 1 x USB C PD 100W Max
  - 3 x USB C PD 20W Max
  - 2 x USB A QC 3.0 18W Max per port
- All the USB ports can work simultaneously at the rated capacity.

## 12V DC Output

- There are 3 different DC outputs on the power station.
- 1 x Cigarette Lighter output 12V 10A Max continuous.
- 2 x DC 5521 output 12V 3A Max continuous per outlet.
- 1 x DC XT60 12V 25A Max continuous.

## Cooling Fan

- The power station utilises an internal cooling fan to maintain appropriate operating temperature.
- When experiencing a higher output load, the fan automatically activates.
- During discharge and charge process, the fan will operate intermittently to regulate the internal temperature.
- The fan typically starts when the AC circuit is activated to ensure proper operation.

## UPS (Uninterruptible Power Supply) Mode

- The power station supports an Uninterruptible Power Supply (UPS) function. When the unit is connected to the grid via an AC charging cable, the power station will operate in bypass mode.
- In other words, any device plugged into the AC port will draw power directly from the grid rather than the battery. In the event of a power outage, this product can automatically switch to battery-powered mode within 10 milliseconds (10ms), ensuring continuous power supply to your connected devices without interruption.

## UPS (Uninterruptible Power Supply) Operation

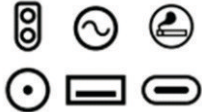
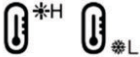
- As shown in the picture below, connect the power station between the wall socket and the intended power device, ensuring that the power station power is ON.
- Quick press the AC control button, and turn on the connected device. Power will be taken directly from the AC wall socket.
- When the power from the AC wall socket is cut off, it will automatically switch to battery-powered mode with 10 milliseconds (10ms).



# CLEANING INSTRUCTIONS

- Ensure the power station is disconnected from the mains before cleaning.
- DO NOT use sharp or hard objects to clean as they damage the surface of the product.
- DO NOT use alcohol-based cleaning materials to clean the power station.
- Gently wipe the power station with a damp cloth.

# TROUBLESHOOTING

| STATUS  | EXPLANATION   | RESOLUTION  |
|---|---|---|
| <br>Icons flash and buzz                             | The output exceeds the standard and has short circuited.        | <ol style="list-style-type: none"><li>1. Remove the output device.</li><li>2. Next, check whether the overload protector is activated. If it's activated, follow these sub-steps: Press the overload protection button, after that, press the AC output button.</li></ol> |
| <br>The temperature warning icon flashes and buzzes | The power station has surpassed the standard temperature range. | Remove all loads, disconnect the power source from this product, and wait for the unit to cool down to an appropriate temperature before proceeding (between -10°C ~ 40°C).   |

## WARRANTY & SUPPORT INFORMATION



Need help? For product support or to make a warranty claim, reach out to the KickAss Customer Service team on (07) 3123 4715 or at [support@kickassproducts.com.au](mailto:support@kickassproducts.com.au).  
Alternatively, visit our Customer Support Portal at:  
<https://supportportal.kickassproducts.com.au/>

# KICKASS

**KickAss is a registered trademark of  
KickAss Products Pty Ltd.**

**Designed & imported by  
KickAss Products Pty Ltd  
39 Iris Place, Acacia Ridge, QLD 4110  
Australia**

**Made in China**

