

KICKASS



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

OWNER'S MANUAL

KAPHUB-2000

V1.4

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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

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

INCLUDED COMPONENTS



POWER STATION



CARRY BAG



XT90 TO MC4 CABLE



AC POWER CABLE



XT60 TO
ANDERSON CABLE

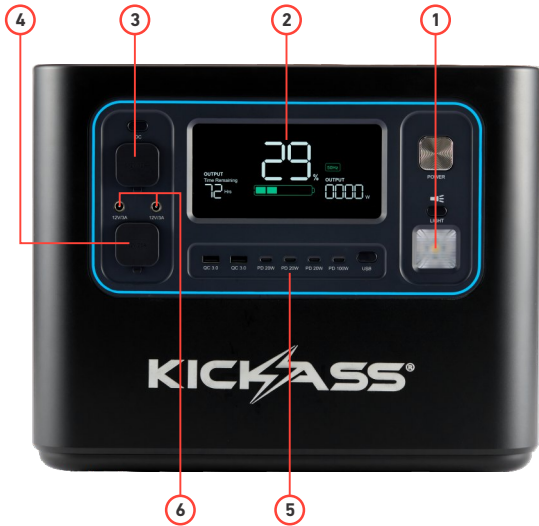


XT90 TO
ANDERSON CABLE



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



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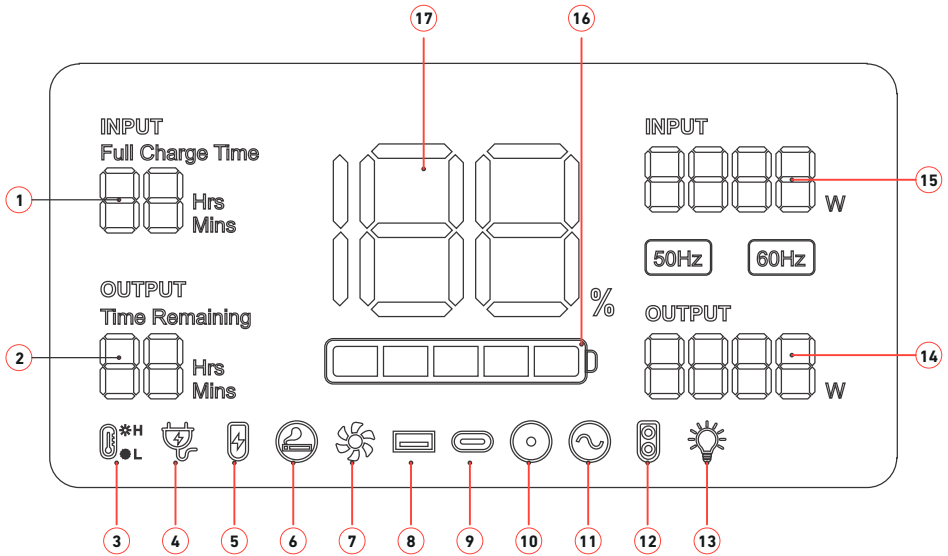
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7. 2 x AC Outputs sharing 2400W Max
8. AC Charging Input
9. XT 90 Solar & DC Charging Input



- 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.



Charging by Cigarette Socket (INCLUDED) through the XT90 input port: average charge time approximately 19 hours.

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.

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.

Note: There is an 8 hour time out for DC load under 3w and AC load under 15w.

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.

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


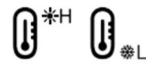
- As shown in the picture below, connect the power station between the wall socket and the intended power device, ensuring that the power station power is ON.
- Quick press the AC control button, and turn on the connected device. Power will be taken directly from the AC wall socket.
- When the power 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
 Icons flash and buzz	The output exceeds the standard and has short circuited.	<ol style="list-style-type: none">1. Remove the output device.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.
 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.
Alternatively, visit our Customer Support Portal at:
<https://supportportal.kickassproducts.com.au/>

KICKASS

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