

# KICKASS



# KICKCHARGE

ACDC PORTABLE POWER STATION

**OWNER'S MANUAL**

**KAPHUB-700 / KAPHUB-1200**

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# WARNING AND SAFETY INFORMATION

- Read the user manual carefully before using the product.
- DO NOT use this product near a heat source such as a fire, a heater, or a furnace.
- Avoid contact with liquids of any kind. DO NOT operate the product in damp environments, or expose it to moisture.
- 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.
- This product must only be used by competent adults. Do not let children use the product.
- Store the product in a dry and ventilated place.
- Fully charge the product before first use, or if it has been left unused for an extended period.
- To maximise battery life, fully charge the product every three months.
- The power station supports charging and discharging simultaneously.

# PRODUCT SPECIFICATIONS

	KAPHUB-700	KAPHUB-1200
Battery Capacity	582Wh / 22.4V 26Ah	1008Wh / 22.4V 45Ah
Cell Type	LiFePO4	
AC Output	700W (continuous)	1200W (continuous)
USB-C PD Output	100W Max	
USB-A QC3.0 Output	18W Max x 3	
Cigarette Lighter Output	12V / 10A	
DC 5521 Output	12V / 5A x 2	
Wireless Charging Output	10W Max	
LED Light Power	5W x 2	
DC/Solar Charging Input	12-55V / 12A (240W Max)	12-55V / 12A (400W Max)
AC Charging Input	300W Max	500W Max
Working Temperature	-15~45 °C	
Weight (net weight)	8.7kg	9.5kg
Product Dimensions (mm)	328 x 221 x 263	
Product Certifications	IEC 62133-2:2017 IEC 62619: 2022 EN 55032 AS/NZS 62368.1:2022	

# INCLUDED COMPONENTS



POWER STATION



SHOULDER  
CARRY STRAP



AC POWER CABLE –  
AUS 3-PIN TO  
IEC C13 CABLE



DC POWER CABLE –  
MINI ANDERSON-STYLE TO  
CIGARETTE PLUG CABLE



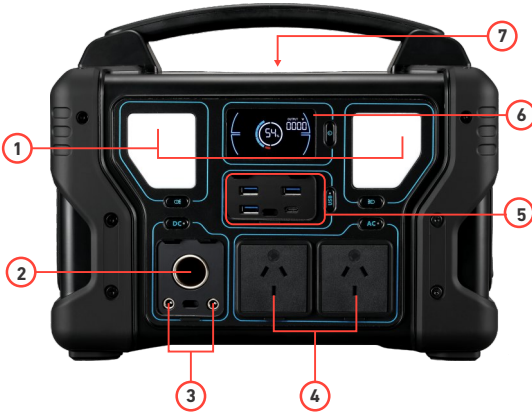
MINI ANDERSON-STYLE  
TO ANDERSON-STYLE  
CABLE

# PRODUCT FEATURES

- Compact and portable AC and DC power.
- Carry handle and shoulder strap included.
- Uninterruptable Power Supply Mode.
- Automatic wireless charging pad.
- True 100W USB-C PD outlet.
- Dedicated 18W USB-A QC3.0 outlets.
- Built-in LED lights.
- Able to be charged from AC, DC or solar. Cables included.
- LCD Display with live data.

# PRODUCT OVERVIEW

## UNDERSTANDING YOUR POWER STATION



1. LED Light
2. 12V Cigarette Lighter Output
3. DC5521 output ports
4. AC Output
5. USB-C PD and USB-A QC 3.0 Output
6. LCD Display
7. Wireless Charging Pad

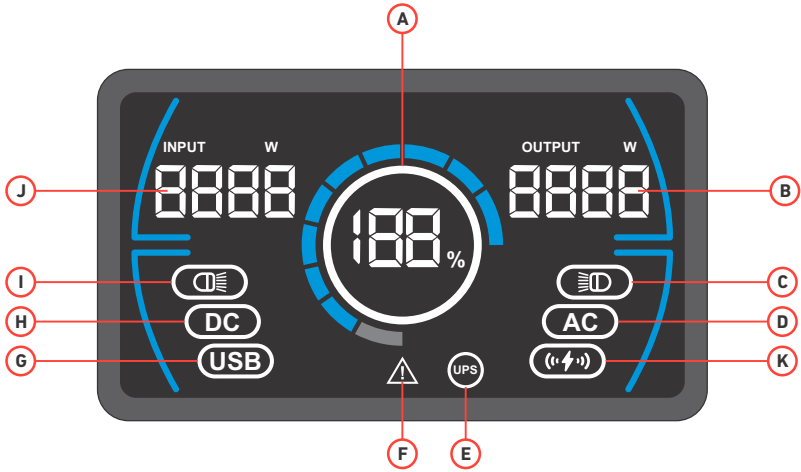


8. DC and Solar Charging Input
9. AC Charging Input



10. Power Button
11. USB Port Power Button
12. LED Light Control Buttons
13. AC Port Power Button
14. DC Port Power Button

## LCD DISPLAY



- A. Remaining Battery Percentage
- B. Output Power
- C. LED Light
- D. AC Output
- E. UPS Status
- F. Overload, Over Temperature and Short Circuit Warning
- G. USB Output
- H. 12V Cigarette Lighter Output and DC 5521 Output
- I. LED Light
- J. Input Power
- K. Wireless Output

# CHARGING THE POWER STATION

The KickCharge AC/DC Portable Power Stations can be charged in three ways.



Charging from 240V AC – AUS 3 pin to IEC C13 cable included – Approximately 2 hour charge time.



Charging from solar (unregulated solar) – Anderson-style to mini-anderson-style cable included – approximately 3 hour charge time at 240W.



Charging from vehicle/DC source – Mini Anderson-style to cigarette plug cable included – approximately 6.5 hour charge time.

# USING THE POWER STATION

## Turning On/Off

- Turn on the power station by holding the power button for three seconds.
- Turn off the power station by holding the power button until the unit turns off.

## Operating AC, DC and USB outputs

- To use AC output, short press the AC port power button to activate.
- To use USB C or USB A output, short press the USB port outlet button to activate.
- To use cigarette or DC 5521 output, short press the DC port power button to activate.

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

## LED Lights

The LED lights have 3 mode settings and can be controlled independently or together.

To operate a single light:

- Press one of the LED light buttons to turn the LED on.
- Each press of the LED light button will change the set mode.
- To turn the LED light off, cycle through the light modes until the LED light turns off.

To operate both lights together:

- Turn on each LED light by a single press of the LED light buttons.
- Each press of a button will now control both LED lights together until one light turns off.

## AC Output

- There are two AC outputs on the front of the power station which shares a total output power of 700W Max continuous.

## USB Output

- There are 4 USB ports on the power station.
  - 1 x USB C PD 100W Max
  - 3 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 2 different DC outputs on the power station.
  - 1 x Cigarette Lighter output 12V 10A Max continuous.
  - 2 x DC 5521 output 12V 5A Max continuous per outlet.
- The maximum continuous combined current output is 10A.

### **Wireless Charging Output**

- The power station's wireless charging automatically activates when a device is placed on the charging area and turns off when the device is removed.

### **Cooling Fan**

- The power station uses 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's battery is fully charged and it is connected to the grid via an AC charging cable, the battery will be bypassed.
- 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 power 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).



# TROUBLESHOOTING

ERROR	ACTION
Not Turning on	<ul style="list-style-type: none"> <li>• Confirm the unit is charged.</li> <li>• Confirm the power button is being held in for 3 seconds.</li> <li>• Test the unit operation while connected to a power source.</li> </ul>
Not Charging	<ul style="list-style-type: none"> <li>• Confirm the connected power source is operating correctly and supplying sufficient power.</li> <li>• If connected to solar, ensure the source voltage is between 12-55V.</li> <li>• Ensure the connector/s are securely connected to the power station.</li> </ul>
No Outout - AC/DC/USB	<ul style="list-style-type: none"> <li>• Confirm the coinciding output indicator symbol on the LCD display is showing.</li> <li>• Confirm the cable/device is securely plugged in to the power station.</li> <li>• Check if the cable/device connected has a fuse and ensure it is in good condition.</li> </ul>
 Displaying on LCD	<p>Overload, over-temperature or short circuit state detected.</p> <ul style="list-style-type: none"> <li>• Disconnect all loads and power supplies from the power stations</li> </ul> <p>If the power station has been used in a confined space, direct sunlight or for a prolonged period of time, allow it to cool before next use.</p> <p>If the error occurred when a device was connected, check:</p> <ul style="list-style-type: none"> <li>• The power draw rating of the connected device.</li> <li>• The condition of the connected device and cable to ensure there is no damage to cause a short circuit.</li> </ul>

## 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.
- Use a dry cloth to clean the unit. If required, a lightly damp cloth can be used to spot-clean marks – provided it is kept away from controls, displays, and ports.

## WARRANTY & SUPPORT INFORMATION

Need help? For product support or to make a warranty claim, reach out to the KickAss Customer Service team at: [support@kickassproducts.com.au](mailto:support@kickassproducts.com.au).

Alternatively, visit our Customer Support Portal at: <https://supportportal.kickassproducts.com.au/>

# KICKASS

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