

2-in-1 Portable Jump Starter and Power Bank

12000mAh, 2000A

KAJMPSTC20A

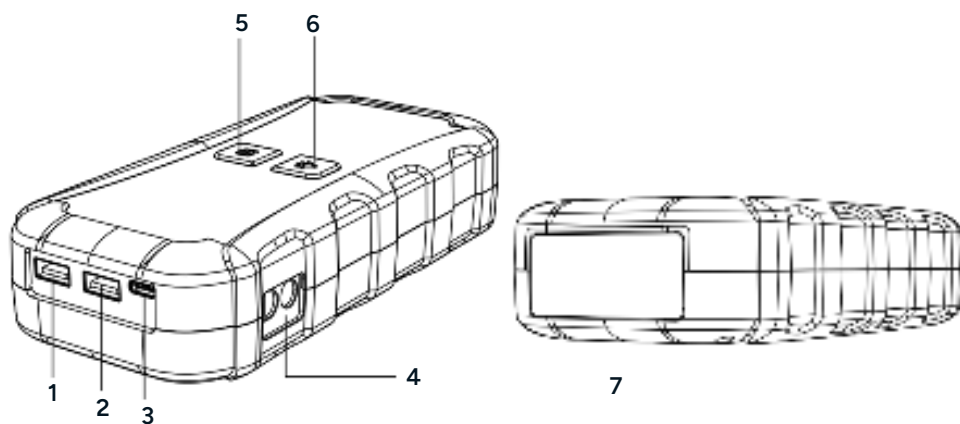
Safety & Warnings

- Never short circuit the jump starter by connecting the Red and Black clamps.
- When children use this product, please operate under the guidance of parents.
- Store in a dry place, do not expose to damp conditions or near corrosive materials.
- If this product shows any sign of damage, swelling, leakage or odour, cease immediately and contact **help.Kogan.com** for support.
- Do not connect both cable clamps to the same piece of metal as this may damage the jump starter.
- Do not use this jump starter to start a bulging or damaged car battery.
- Handle this jump starter with care. Avoid dropping or striking the product heavily and repeatedly.
- Do not disassemble or modify this jump starter in any way.
- Keep this jump starter away from children and pets.
- Always operate this jump starter at normal temperature and be far away from too wet, too hot and fire.
- Do not expose this product to fire or other sources of heat.
- Do not attempt to jump start a vehicle continuously. Allow at least 30 seconds to 1 minute between starts.
- To avoid damage, do not use the jump starter when the battery power is less than 10%.
- Before first use charge the jump starter for at least 3 hours to ensure it is fully charged.
- For normal use, please confirm that the unit has at least 50% power before use.
- If the positive clamp of the starting power was incorrectly connected to the negative poles of the car battery, the reverse polarity protection will enable to avoid personal injury and property damage.

Components

- Jump Starter
- Intelligent Battery Clamps
- USB Charging Cable
- User Guide

Overview

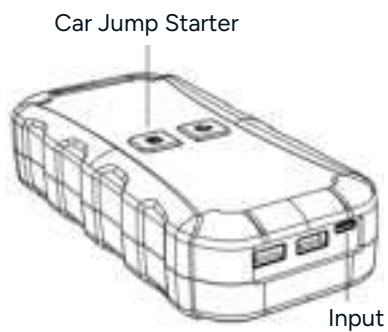
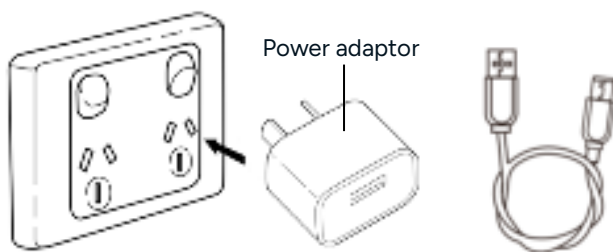


- | | |
|---|----------------------|
| 1 | USB Output: 5V/3A |
| 2 | USB Output: 5V/3A |
| 3 | USB-C Input: 5V/3A |
| 4 | Battery Clamp Output |
| 5 | Power Button |
| 6 | Light Button |
| 7 | LED Light |

Operation

Charging the Portable Jump Starter

1. Connect a USB power adaptor (not provided) to an electrical outlet. Connect the charging cable into the USB-C input on the jump starter and connect the other end into the power adaptor.
2. Unplug the USB-C cable when charging is completed.



Power Bank

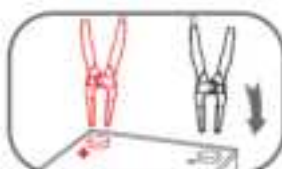
The 2 USB output ports (5V/3A USB quick charge) can charge devices up to 75% faster than a standard charger. You can charge up to 2 devices at the same time.

1. Press the power button to turn the jump starter on.
2. Connect your device (i.e., smart phone, tablet, laptop or another electronic device) to one of the USB-A output ports using a USB cable.
3. Disconnect the device when charging is no longer required.

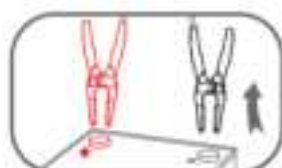


Jump Start a Vehicle

1. Insert the plug of the battery clamp completely into the jump starter.
2. Press the power button.
3. Connect the red clamp to the positive terminal (+) of the car battery and connect the black clamp to the negative terminal (-) of the car battery.



4. Start the vehicle.
5. After the vehicle has started, remove the red and black clamps from the battery and then remove battery clamps from the jump starter.



Note:

- Ensure the battery power of the jump starter is more than 50% before using it to start a car.
- This jump starter is for a 12V vehicles only. Do not attempt to jump start vehicles with a higher battery rating or different voltage.
- If the vehicle does not start immediately, wait for 1 minute to allow the product to cool down.
- Do not try to restart the vehicle after 3 consecutive attempts as this may damage the product. Troubleshoot your vehicle for other possible reasons why it will not restart.

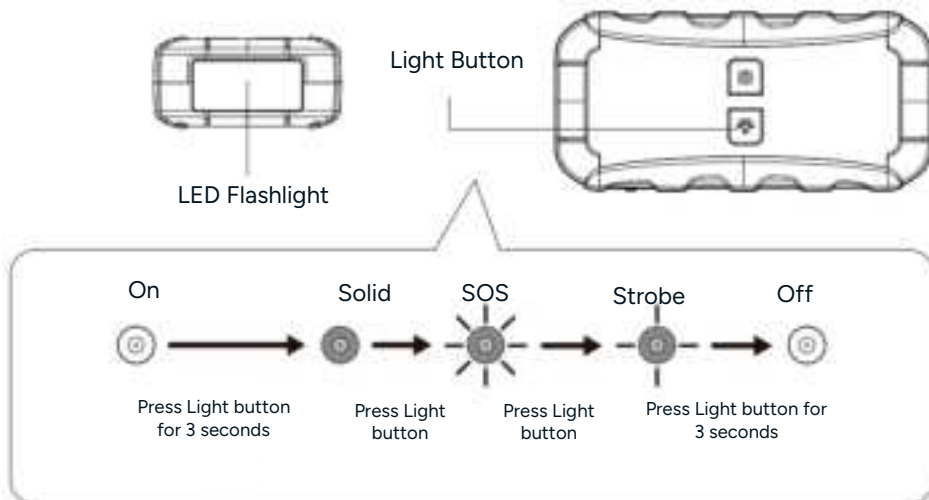
Battery Clamp Indicator

| Item | Indicator | Parameters |
|-----------------------------|---|-------------|
| Sandby | When the clamp is in standby state, the red and green indicators flash alternately. | N/A |
| Working state | When the clamp is in the working state, the indicator will be solid green. | N/A |
| High voltage protection | When the car voltage is too high, after connecting to the vehicle battery, the protection will be triggered. The indicator will be solid red. The jump starter will resume normal operation once the voltage is back within the operating range. | 17.50V±0.5V |
| Low voltage protection | When the car voltage is too low, after connecting to the vehicle battery, the protection will be triggered. The indicator will be solid red. The jump starter will resume normal operation once the voltage is back within the operating range. | 13.0V±0.5V |
| High temperature protection | When the temperature of the clamp is $\geq 80^{\circ}\text{C}\pm 10^{\circ}\text{C}$, the output is automatically disconnected. The indicator will be solid red, and the jump starter will emit a buzzer sound. The jump starter will resume normal operation once the temperature is back within the operating range. | N/A |
| Reverse polarity protection | If the battery clamps are connected to the vehicle battery terminals with reverse polarity (greater than 1.0V), the jump starter's protection feature will activate. The indicator will turn solid red, and the unit will emit a series of warning beeps. | N/A |

| | | |
|----------------------------|--|-----|
| Reverse Current Protection | This feature prevents current from flowing back into the jump starter from the vehicle's battery or alternator. If reverse current is detected, the output will be automatically disconnected. The red and green indicators will flash alternately to indicate the fault. Once the issue is resolved, the protection will automatically reset. | N/A |
| Start overrun protection | During the conduction process, the clamp detects that the voltage of the start port is lower than 7.0V and lasts for 0.5s, then automatically disconnects the output, the red light is always on and the buzzer sound. It needs to be restarted to release the protection. | N/A |
| Timeout protection | If the jump starter is correctly connected to the vehicle but the engine is not started within 45 seconds, the output will be automatically disconnected. The indicator will turn solid red to signal the timeout. | N/A |
| Short circuit protection | If the red and black clamps are accidentally short-circuited while the unit is in standby mode, the protection will be triggered to prevent sparks or damage. The indicator light will turn solid red and the buzzer will emit a continuous sound. | N/A |
| Relay sticking alarm | If the relay inside the battery clamps becomes stuck, an alarm will be triggered the next time the power is turned on. The red indicator will remain on, and the buzzer will emit a series of rapid, short beeps to signal the fault. Contact help.Kogan.com for support. | N/A |
| Clamp off detection | If the red and black clamps become disconnected while starting the vehicle, the jump starter will automatically return to standby mode after approximately 2.5 seconds. | N/A |

LED Light

1. Press the 'Power' button. The indicator will illuminate.
2. Press and hold the 'Light' button for 3 seconds to turn LED light on. Press and hold the 'Light' button for 3 seconds to turn the unit off.
3. With the light is on, press the 'Light button to cycle through the available modes: Solid, SOS, and Strobe.



Specifications

| | |
|------------------------|--------------------------------------|
| Cycle Life | >1000 Times |
| Capacity | 44.4Wh |
| Jumper output | 12V/2000A (Max. Peak cranking power) |
| USB Output | 5V/3A |
| USB-C Input | 5V/3A |
| Charging Time | 4.3 Hours |
| LED Light Power | 1W |
| Operating Temperature | 5 - 55°C |
| Storage Temperature | -20 - 65°C |
| Dimensions (L x W x H) | 187x88x43mm |

Cleaning & Care

- Store the product in a shaded, well-ventilated area.
- Do not use detergents to clean this jump starter.
- Do not expose the jump starter to extreme temperatures for an extended period. The operating temperature of this jump starter is 5-55°C. The storage temperature of this jump starter must not exceed 65°C.
- Charge the battery of this jump starter at least once every 3 months.

Troubleshooting

| Problem | Possible Cause | Solution |
|---|---|--|
| Nothing happens when pressing the power button. | Low voltage triggering low power protection. | Recharge the jump starter using the provided charging cable. |
| No response to charging. | Damaged USB charging cable. | Try another USB-USB-C cable. Contact help.Kogan.com for support. |
| Product automatically turned off. | No load. | The product will power off automatically after 30 seconds without connection. |
| Long charging time. | Using a low-output power adaptor. | Use a 5V/3A wall charger (approx. 4.3 hours to full charge). |
| Unable to charge phone multiple times. | Phone battery capacity varies from model to model. | As a guide, it can charge an iPhone 6 up to 5 times. |
| Unable jump-start vehicle multiple times. | Battery capacity affected by usage. | Fully charged the product can jump-start a 1.5L petrol car approximately 20 times. |
| Battery capacity has reduced over time. | This is normal wear over time. | Expected lifespan is around 3–5 years under normal operating conditions. |
| The jump starter is discharging during storage. | This is normal, batteries naturally discharge over time. | Can hold charge for up to 12 months; recharge every 3 months for best performance. |
| Red indicator light on battery clamp. | Short circuit. | Output has been cut. Disconnect and check battery clamp connections. |
| Red light and buzzing from battery clamp. | Over-temperature or over-voltage, possibly damaged cable. | Disconnect battery clamps. If issue persists, contact help.Kogan.com for support. |

Need more information?

We hope that this user guide has given you the assistance needed for a simple set-up.

For the most up-to-date guide for your product, as well as any additional assistance you may require, head online to **help.Kogan.com**.

