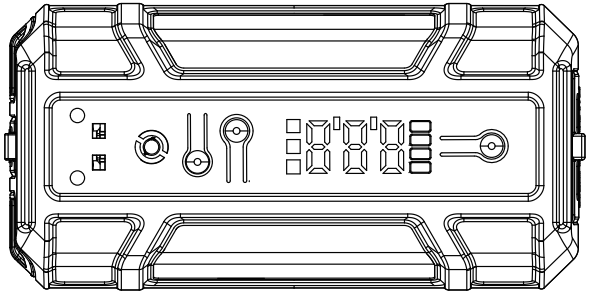
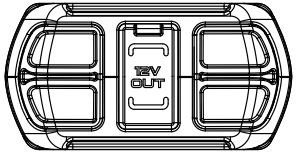
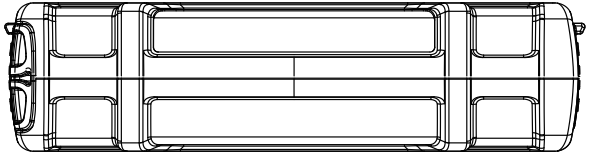
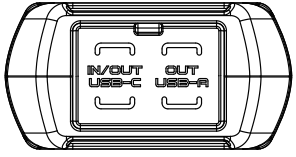
Product Overview



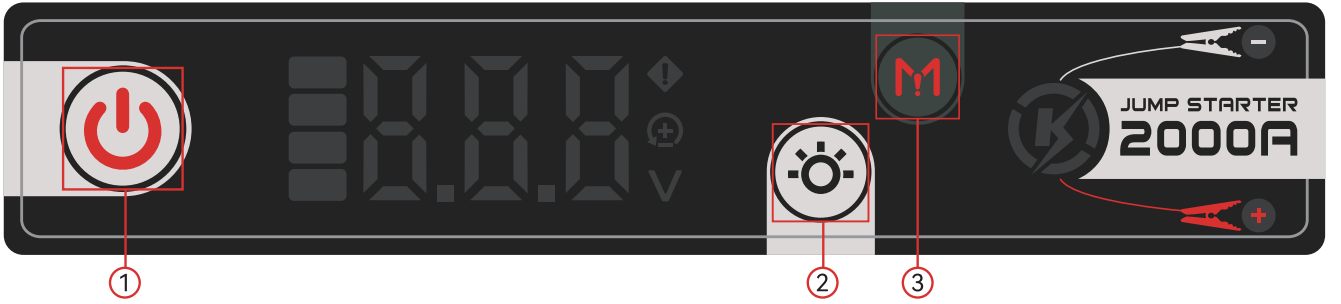






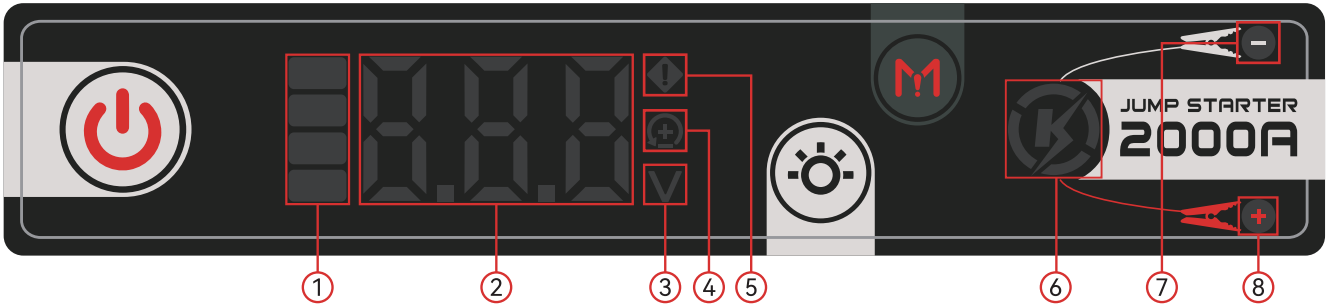
Button and Screen Instructions

1. Button Introduction



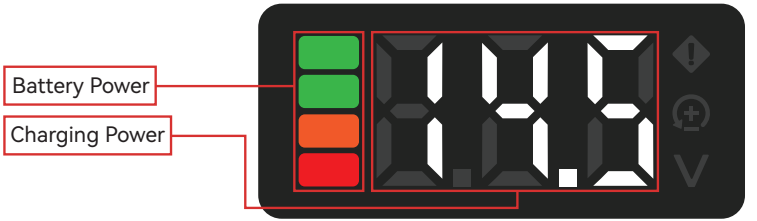
NO	Function Description
1	Power button (short press to turn on, long press for 2S to turn off)
2	Power LED & Light Mode button
3	Boost start button (press and hold for 5S to turn on)

2. Screen Introduction



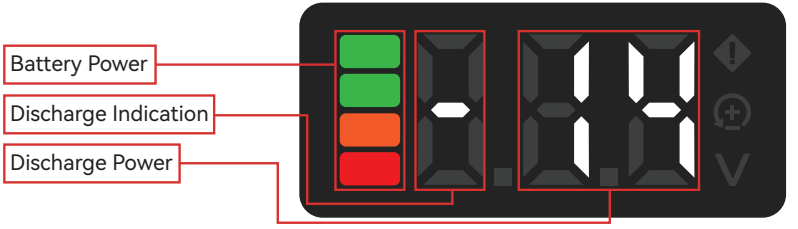
NO	Function Description
1	Battery LEDs
2	Digital display area
3	Voltage LED
4	Reverse polarity LED
5	Error LED
6	Ready to start LED
7	Negative clip LED (Green LED: low connection impedance Yellow LED: high connection impedance)
8	Positive clip LED (Green LED: low connection impedance Yellow LED: high connection impedance)

3. Charging display instructions



When the product is charging, the charging power will be displayed on the screen; the default charging power unit is W, and the charging power unit is not displayed;

4. Discharge display instructions

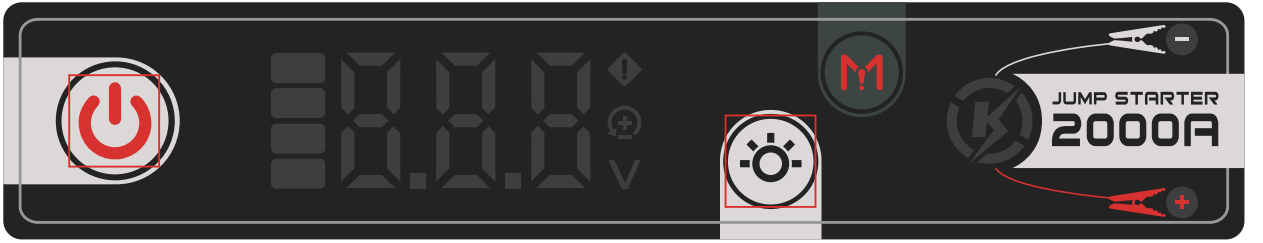


When the product is discharging via USB, the screen will display the discharge power and the discharge symbol "—"; the default discharge unit is W, and the discharge power unit is not displayed;

Operation Process Description

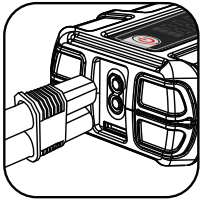
1. How to wake up the J400?

Short press the " ⏻ " or " ☼ "

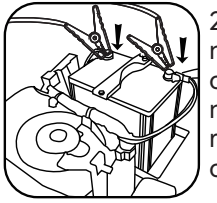


2. How to use the jump start function?

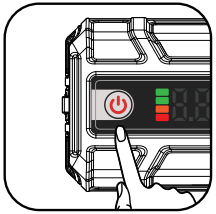
2.1 Method 1: Normal Start

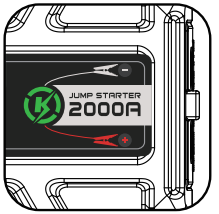


2.1.1 Insert the product clamps clip into the EC5 start port of the product;

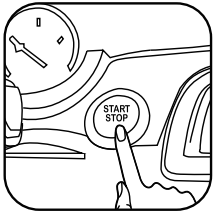


2.1.2 Connect the positive and negative poles of the product clamps clamp to the positive and negative poles of the car battery respectively, and ensure that the connections are good;

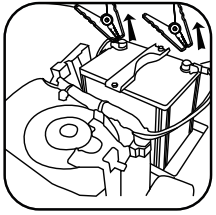




2.1.3 Wake up the J400, short press the " ⏻ " or " ☼ ". If the detection meets the automatic start, it will enter the 10-second clamp connection status detection countdown (at this time, if the + − is green, it is the best connection status, if the + − is yellow, it is not the best connection status, but it can also be started) After the countdown is over, the ⚡ on the display panel flashes, and the actual voltage of the car battery is displayed at the same time. At this time, the car can be started.



2.1.4 If the car starts successfully, short press the" ⏻ " or" ☼ " to exit the start function, and then disconnect the product clamps clip; in most cases, the vehicle will start successfully immediately during the first start operation. If the start fails, please check the contact of the product clamps clip location, and then try again, no more than 5 consecutive starts within 15 minutes;



2.1.5 After using the product, remove the product clamps clip and press and hold the " ⏻ " for 2 seconds to shut down the product. If the product is not operated for 60 seconds, the product will automatically shut down;

2.2 Method 2: Boost Start

(Safety reminder: Some safety protection mechanisms are invalid in this mode, so you need to use it with caution. Be sure to prevent the positive and negative poles from being short-circuited, otherwise it will cause a short-circuit accident. You must check the operating instructions in the manual before operating)
When the automatic start function fails, you can use the manual emergency start function after checking the operating specifications in the manual.

2.2.1 Insert the product clamps clip into the EC5 start port of the product;
2.2.2 Connect the negative electrode of the product clip to the negative electrode of the car battery. After waking the product, press and hold the" Ⓜ " for 5 seconds.Enter the boost start mode, (in the boost start mode, the contact impedance detection can not be used, and the ⊕⊖ is flashing yellow), at this time, the ⓚ on the main interface is always on, indicating that the product clamp output has been turned on.Connect the positive electrode of the product clip to the positive electrode of the car battery.
2.2.3 . At this time, the positive and negative voltages of the jump starter and the car are displayed in parallel, and the car can be started; short press the "Ⓜ " or " ⏻ " to exit.

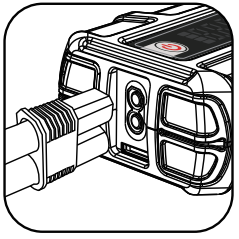
If J400 cannot start your vehicle when the battery of J400 is less than 2 bars,
please charge it fully and try to jump start your vehicle again.

3. Jump Clamp Connection Status Display

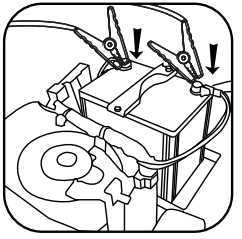
- In normal start mode, after the product clamps clip are connected to the car battery, it will enter a 10-second detection countdown;
- If the connection impedance of the product clamps clamp is low, the corresponding product clamps ⊕⊖ will be green;
- If the connection impedance of the product clamps clip is high, the corresponding product clamps ⊕⊖ will be yellow;
- The product clamps clamp connection status can be adjusted during the 10-second countdown;

In boost start mode, the product clamps ⓚ displays green by default.

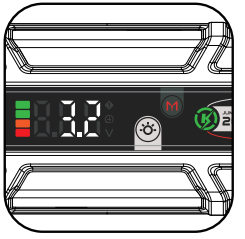
4. How to use the voltmeter function?



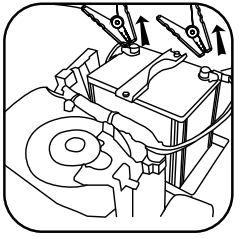
4.1 Insert the product clamps clip into the EC5 interface of the product;



4.2 Connect the positive and negative poles of the product clamps clamp to the positive and negative poles of the car battery respectively, and make sure the connections are good;

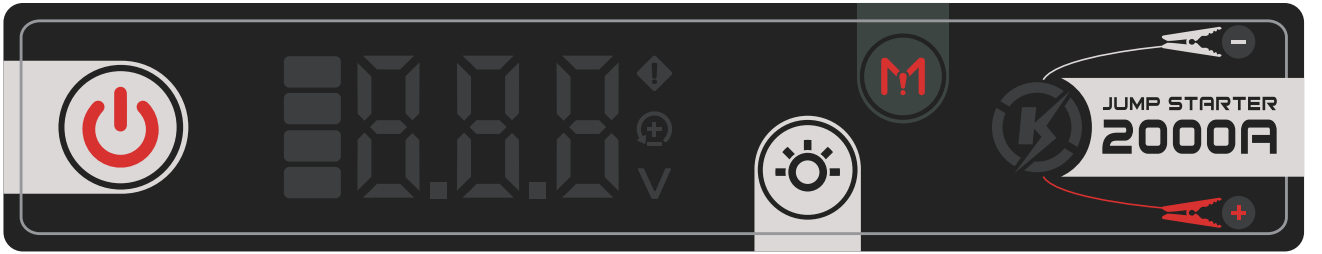


4.3 After the 10-second countdown for detection ends, the ⓚ on the main interface lights up and displays the positive and negative voltages of the car at the same time;



4.4 Disconnect the product clamps clamp from the car battery and exit the voltmeter function mode.

5. How to use LED lights?



5.1 Press and hold the "☼" for 1S, the LED light will light up;
5.2 Press the "☼" repeatedly to switch modes: steady on, strobe, SOS, and off;
5.3 Press and hold the "☼" for 2 seconds to force the LED light off.

6.How to charge the J400?

6.1 Tool preparation: power adapter (PD2.0/PD3.0 protocol power adapter), USB-C to USB-C cable, USB-A to USB-C cable;
6.2 One end of the USB cable, A port, is connected to the power adapter, and the other end, C port, is connected to the USB-C charging port of the product. The ▮ on the screen lights up, indicating that the product is charging normally;
6.3 When the product is exhausted or has low battery, please charge it in time to prevent abnormal battery undervoltage.
6.4 A long-term zero-battery state may cause the product to be unable to charge.

7. How to use 5V USB-A port to charge mobile phone?

7.1 Tool preparation: USB-A To USB-C cable, mobile phone

7.2 Connect the A port of the USB cable to the product and the C port to the Type-c charging port of the phone to start charging.

8. Error Code Display Description

	Display	Explanation	Reason/solution
Error Code	150	Over-temperature protection	Wait for the product to cool down
	160	Under-temperature protection	Keep the product at the appropriate temperature
	200	Product abnormality	Restart the product
	430	External over voltage	If the displayed voltage is lower than 15V, please charge the product before using it again
	450	Startup failed	After confirming the correct connection, please refer to the manual to use boost start mode
Exception icon	⊕	Reverse connection protection	Correctly connect the car battery
	!	Abnormal status	Release the corresponding error status