MILE MARKER

99%
0 W

B.E.S.T.
BATTERY EMERGENCY START TOOL

Part # 32001

Jump Starter/
Battery Pack

with 45W USB-C Fast Charging Port

User Manual

PRODUCT OVERVIEW
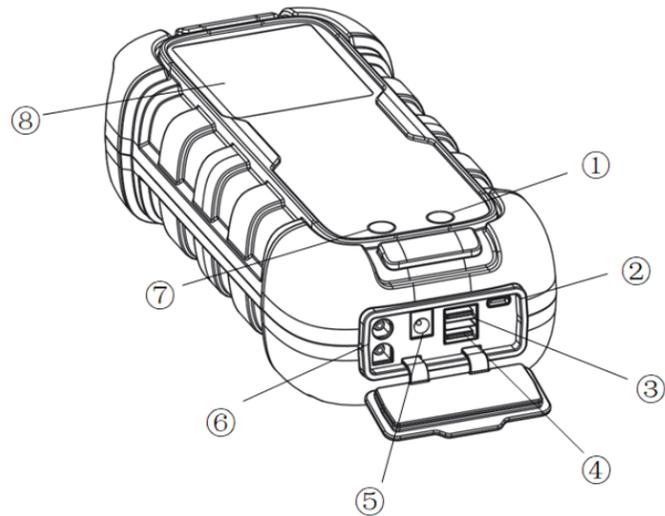
No.	Function	Operation
1	ON/OFF Button (Multifunctional)	Press the button to see the remaining capacity. Long press the button to turn on/off the flashlight.
2	USB C Input & Output (PD45W)	Fast charge/Discharge In/Out (PD45W Max).
3	USB Output Port 1 (QC 3.0)	Charge your devices (QC 3.0 compatible) faster, with 75% increase in speed.
4	USB Output Port 2 (QC 3.0)	Charge your devices (QC 3.0 compatible) faster, with 75% increase in speed.
5	DC Output port	Charge other products through a cigarette lighter.
6	EC 5 port	Insert the plug into the EC5 port to jump start the car.
7	BOOST Button	Press this button before starting the car.
8	LCD Screen	Charge and discharge status and clamp startup display
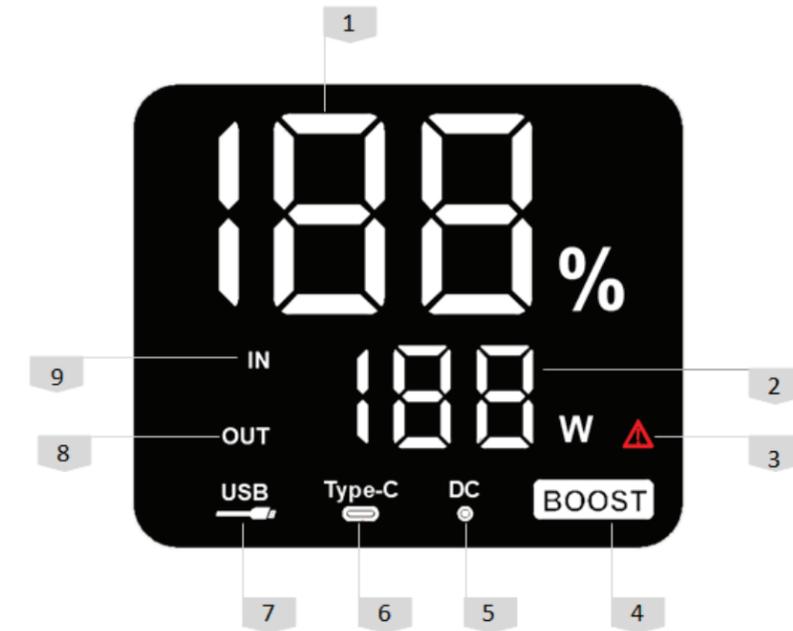
1. Percentage of battery capacity: Percentage of battery charge/discharge/standby

2. Charging and discharging power display

3. Alarm prompt

4. BOOSTER button: Ready to jump start the vehicle

5. DC output display

6. Type-C charging and discharging display

7. USB output display

8. Output display

9. Input display

GETTING STARTED

Package Contents

1 x 24000mAh B.E.S.T. Jump Starter
1 x Battery Clamp
1 x USB C to USB A Cable
1 x USB C to USB C Cable
1 x User Manual
1 x Carry Pouch

Charging the product

1. Connect one end of the USB C cable to the AC adapter and the other end to USB C input port to begin charging.
2. Press the ON/OFF button to turn on the product. When charging, the percentage of battery capacity and power will display. When the battery is fully charged, the LCD screen will turn off automatically.
3. Unplug the cable when no charge is required.

NOTE:
● When using product for the first time, please make sure that the jump starter is fully charged.
● Please use the provided USB C cable to charge the product.
● If you want to realize PD45W fast charging to charge the product, you need to use PD45W adapter or PD45W car charger to achieve.
● Wall adapter is not included in the package.

Power Bank

1. Connect the product with your smart phones, tablets, laptops or other electronic devices via USB cable.
2. Press the ON/OFF button once and the connected device will start charging.
3. Unplug the cable when no charge is required.

LED Flashlight

Long press ON/OFF button for 3 seconds to turn on the light. Press ON/OFF button shortly to switch modes among Solid, SOS, Flash and Off.
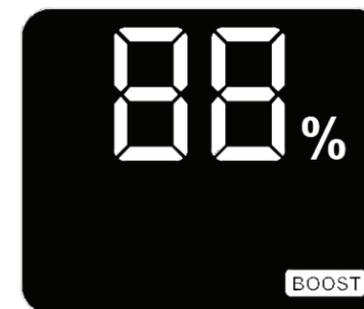
Jump start your car

NOTE:
● This product is for 12V car (up to 12.0L petrol or 10.0L diesel engine) only.
● Check to make sure that battery power of jump starter is more than 50% before you use it to start your car.

Step 1: Insert the plug of the clamp completely into the jump starter. 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.

Red ——→   ←—— Black
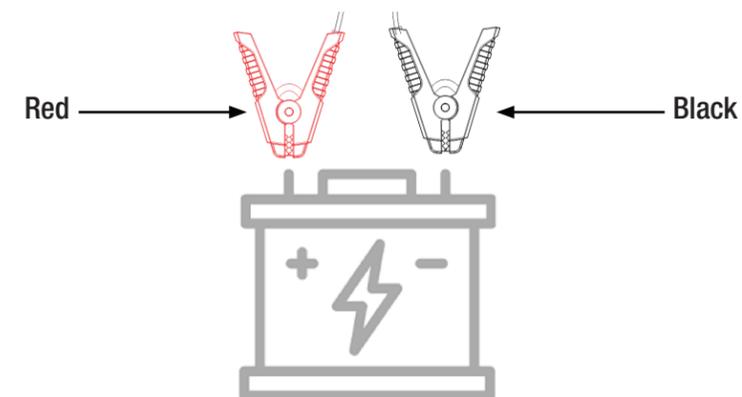
Step 2: Press the ON/OFF button and long press "BOOST" button until the LCD screen displays "BOOST".

Step 3: Start your car.

If any of the following situations occur, the Jump Starter will alarm you and the product will turn protection on.

ERROR mode	Situations
⚠ + Buzzer alarm + number "9"	Reverse Connection. - Correct the connection between the clamp and the positive and negative poles of the battery.
⚠ + Buzzer alarm + number "8"	The product temperature is too low or too high. - Restore the temperature of the jump starter from -4°F to 140°F (-20°C to 60°C).
⚠ + Buzzer alarm + number "7"	Over-current protection. - Stop starting the vehicle and the safe mode will disappear after 30 seconds.
⚠ + Buzzer alarm + number "6"	Start the vehicle continuously for more than 4 times within 10 minutes and enter the safe mode. - Stop starting the vehicle and the safe mode will disappear after 10 minutes.
⚠ + Buzzer alarm + number "5"	The two clamps are short-circuited. - Check whether two clamps together connect or connect both clamps to the same piece of metal.
⚠ + Buzzer alarm + number "4"	When the external battery voltage is higher than the jump starter voltage. - Disconnect the jump starter and the car battery.
⚠ + Buzzer alarm + number "3"	The voltage of jump starter is too low to start the vehicle. - Please recharge the jump starter as soon as possible to prevent battery damage.

Cautions

1. Use the original battery clamp to start the car.
2. Do not use this unit if any cable clamp or cord is damaged.
3. Do not connect two clamps together when the product is turned on. Do not connect both cable clamps to the same piece of metal. Otherwise, the jump starter will be damaged.

Care and Maintenance

1. DO NOT use the product to start a bulging car battery.
2. Store the product in a shaded, well-ventilated area.
3. Please handle the product with care and do not abuse it. Avoid dropping or striking the product heavily and repeatedly.
4. DO NOT disassemble or modify the product.
5. DO NOT use detergents to clean the product.
6. DO NOT place the products in a high-temperature environment for long. The operating temperature of this product is -4°F to 140°F (-20°C to 60°C). The storage temperature of the product should not exceed 122°F (50°C).
7. Check the battery level of the product at least once every six months and charge the product in time.
8. Keep the product away from children and pets.

Specifications

Model	32001
Capacity	24000mAh/88.8Wh
Type C input(PD45W)	5V/3A,9V/3A,12V/3A,15V/3A,20V/2.25A
Type C output(PD45W)	5V/3A,9V/3A,12V/3A,15V/3A,20V/2.25A
USB output 1	5V/3A, 9V/2A, 12V/1.5A
USB output 2	5V/3A, 9V/2A, 12V/1.5A
Start current	1500A (last for 1s)
Peak current	3000A (last for 0.2s)
Short circuit protection	Effective
Over-discharge protection	$\leqq$13v $\pm$ 0.3v
Over-temperature protection	>149°F $\pm$ 41°F (>65°C $\pm$ 5°C)
Reverse polarity protection	Effective
Dimensions (L x W x H)	9.56 x 4.45 x 2.6 in (243 x 113 x 66 mm)

FAQ

Q: How do you turn off the product?
A: This product will power off automatically when no load is detected or when charging is complete.

Q: How long does it take to fully charge the jump starter?
A: About 2.5 hours (by using a PD45W adapter) through the USB C input port. About 12 hours (by using a normal adapter) through the USB C input port.

Q: How many times can this product start the vehicle with full capacity?
A: About 20 times.

Q: How many times can this product fully charge my cell phone?
A: It depends on the battery capacity of your cell phone. For example, iPhone 14 can be fully charged 4~5 times.

Q: What is the storage temperature of this product?
A: The jump starter is a lithium polymer battery and operates at -4°F to 140°F (-20°C to 60°C). If the ambient temperature is higher than 140°F (60°C), the internal structure of the battery may be damaged and the battery may expand, which is unsafe. So do not store your jump starter for a long time in the car under hot weather.

Q: How do I know if the jump starter is properly connected to the vehicle?
A: When the battery clamp is connected to the vehicle battery, press the "BOOST" button, the clamp is properly connected if the "BOOST" icon is displayed on the screen. Please check the Error mode and operate it with proper action if the ⚠ icon appears on the screen.

WARRANTY

For full warranty and general warranty policies and procedures, please visit MileMarker.com/warranty.

⚠ WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.