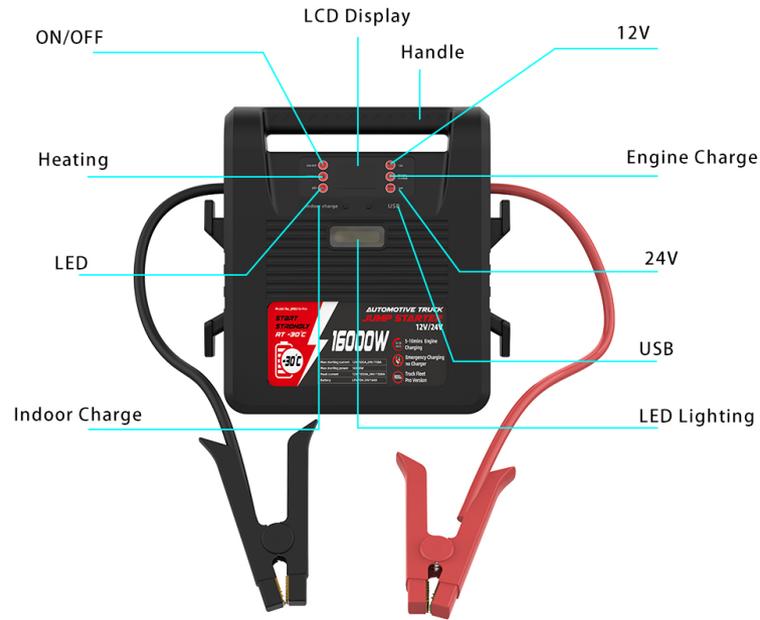
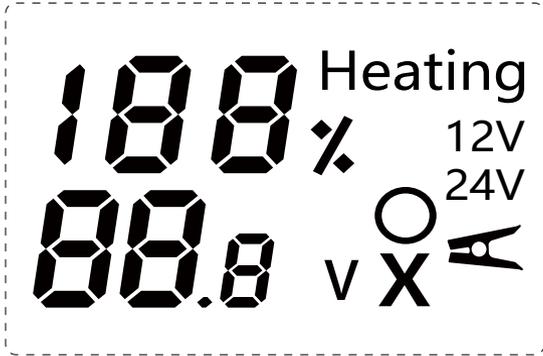


AUTOMOTIVE TRUCK JUMP STARTER USER MANUAL



Screen



188%	Battery capacity and temperature inside the device
88.8V	Device battery voltage
Heating	Heating
0	Conected correctly
X	Reverse-battery
12V	For 12V starting battery
24V	For 24V starting battery

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Button



100% means fully charged. The flashing voltage means low capacity and the vehicle cannot be started. However, USB output and LED can be available. Please charge in time



The device can automatically detect the temperature of the inside battery. Press button, if Heating flashes on the screen, it means the inside battery is heating up. If the Heating keeps on , the device is ready . 10 minutes later, Heating automatically disappears.



there are 5 stages. During this process, press it twice continuously to turn it off.



Press 2 seconds, the screen display 12V. Each time start time is 8 seconds, each time interval 3 seconds, the device automatically protects after 3 times when "  " flashes, press and hold for 2 seconds to turn off the power and then turn it on again.



Emergency charging button
Please refer to engine charge function



Press 2 seconds, the screen display 24V. Each time start time is 12 seconds, each time interval 3 seconds, the device automatically protects after 3 times when "  " flashes, press and hold for 2 seconds to turn off the power and then turn it on again.

indoor
charge

Charge with 12v-30v/4.5A-3.5A charger until it reaches 100% and 28.8v on the screen and the voltage stops flashing. Charging time is approximately 6 hours.

USB

DC 5V/2.1A *2

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Starting up

Step 1: Connector starting battery

1. Make sure the oil polish on the battery terminal is cleared
2. Clamp the starting batteries (+) and (-) via the red clip and black clip of the device. Stable clamping for maximum contact area. Turn on the power until the " " appears on the screen, otherwise clamp it again and press the power button to turn it on.
3. On the screen " " means the battery connected correctly, " " means the reverse-battery

Step2 : confirming the starting battery voltage

The device can automatically detect the starting battery voltage when the screen displays more than 15V, the starting battery is 24v battery by default. When the voltage is less than 15V, need to select  or  button. When the voltage is 0.3V or less, the starting battery is damaged, Please remove the starting battery from the car asap.

Step3 start

The screen shows everything is normal, turn on the vehicle's start switch

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Engine charge

Method 1

Connect the device to the starting battery, start the vehicle, and use the vehicle's engine generator to charge the device with up to 40Amp of current. At this time, the voltage on the screen displays 12v gradually rising to 14v or 24v gradually rising to 28v, then turn off the power.

Method 2

After the vehicle started, keep the device connected to the started battery. At this time, the vehicle's engine generator is charging the device with a current of up to 40Amp, and the battery % on the screen gradually increases until it reaches the ideal battery. The clip can be removed.

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Warnings

1. Don't operate in the explosive environment (the flammable gas, liquid and dust)
2. Don't put the device into water and fire
3. For not in use, the device should be placed in a room with a temperature of 10°C-45°C and kept fully charged. It should be charged at least once every 3 months.
4. Products based on lithium batteries should be disposed of in accordance with local regulations at the end of their product life.

Warranty Policy

Warranty period for one year.

The following is non-normal use, does not belong to the warranty

1. using the device for neither 12V nor 24V car start
2. Using the non-affixed charger to charge
3. Putting the device at a high temperature environment for a long time
4. Disassembling the device and clips without permission

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