DBPOWER

User Manual

Portable Car Jump Starter

N01 1200A

For petrol engines below 6.5L and diesel engines below 5.2L

support@dbpower.co

1-855-666-9888 (24 hours Mon-Fri)

www.dbpower.co

Attention

1. This device applies to petrol engines up to 6.5L and diesel engines up to 5.2L. Please don't start a vehicle with a higher engine capacity or it will cause serious damage to the device and could be dangerous to the user.
2. Don't crank the engine for more than 3 seconds. Allow the jump starter to cool down for at least 1 minute after each start.
3. Your jump starter will work best when it is fully charged. If less than 30% charged, it will not be able to start your engine.
4. Clear the dust on the electrodes of your car battery before jump starting.
5. If the instructions are followed correctly but your vehicle doesn't start, please charge the N01 for 8 hours and try again. But please don't make repeated attempts to jump start the engine without allowing time for the device to cool down.
6. Do not connect the positive and negative polarity together when it's power on.
7. Separate the cables from the jump starter when they are not being used.
8. Do not attempted to charge the device immediately after a jump start. Please wait at least 30 minutes if you want to charge the device after a jump start.
9. To preserve lifespan, recharge the device at least once every 3 months.
10. Use original or certified cables.
11. Do not expose the jump starter to liquids. Do not disassemble.
12. Avoid dropping the device and exposing it to extreme temperatures.

Specifications

Capacity	44.4Wh
Battery	3.7V/4mAh/3E-Ah
Dimensions (L x W x H)	7.1 x 3.2 x 1.4 inches
Input	5V/2A, 15V/1A
USB-1 (Output)	5V, 2.1A
USB-2 (Output)	QC 3.0
DC Output	16.8V/6A
Internal Battery	Lithium-Ion
Peak Current Rating	1200A
Operating Temperature	-20°C to +50°C/-4°F to 122°F
Charging Temperature	0°C to +40°C/32°F to 104°F
Storage Temperature	-20°C to +50°C/-4°F to 122°F (Avg Temp.)
Cooling	Natural Convection

Accessories

1 x Intelligent Jumper Clamps

1 x 16.5 A Car Charger Converter

1 x 154 A Car Charger

1 x USB Line | 1 x Adapter | 1 x User Manual | 1 x Semi-Hard Case

At a Glance

1. Power Button/ Light Mode Button
2. Battery Capacity Level
3. Indicator Light
4. Boost Button
5. DC Output
6. Output 5V/2.1A
7. Output QC3.0
8. Input 5V/2A
9. Input 15V/1A
10. Input 15v/1A
11. Jumper Cables
12. Jumping Port

How to Jump Start Your Car

1. Turn on your jump starter and make sure it's over 30% charged. (Please charge it fully at the first time use.)

2. Insert jumper cables into jumping port. The indicator light will flash red and green alternately.

3. Connect the red clamp to the positive(+) terminal and the black clamp to the negative(-) terminal of the car battery. The indicator light will turn green. If it flashes red and green alternately, press the "boost" button next to the light for 3 seconds which will turn it green. This status will continue for 90 seconds for you to start the car. (Note that if you please repeat the previous steps (press the booster button) again to start the car.

4. Start your engine.

5. Remove clamps and pack away.

How to Charge Cellphones or Tablets

How to Use the LED Flashlight

1.Hold to turn on / off.

2.Press to toggle flash modes. Quick press once to change LED flash modes (high, strobe, SOS).

How to Recharge The Device

New Added Functions

1. Low Voltage Batteries & Manual Override.

The N01 is designed to jump start 12-volt lead-acid batteries down to 2-volts. If your battery is below 2-volts, the Boost LED will flash in red. This is an indication that the N01 can not detect a battery. If you need to jump start a battery below 2-volts there is a Manual Override feature, which allows you to force "On" the jump start function.

CAUTION ON MANUAL OVERRIDE MODE

Use this mode with extreme care. This mode is for 12-volt lead-acid batteries only. Both the spark-proof and reverse polarity protection features are disabled. Pay very close attention to the polarity of the battery when using this mode. Do not allow the positive and negative battery clamps to touch or connect to each other as the product will generate sparks. This mode uses very high current (up to 1200 amps) that can cause sparks and high heat if not used properly. If you are unsure about using this mode, please feel free to conatct us.

Before using the Manual Override feature, make sure the battery clamps are connected to the correct polarity battery terminals and the clamp Connect is connected to the N01. To use the Manual Override feature, press and hold the BOOST Button for 3 seconds. The Boost LED will be Green, indicating you have successfully entered into Manual Override and it is ready to jump start your vehicle. If connected in reverse polarity, the Red Error LED will illuminate and the unit will not operate.

CAUTION:

Power the N01 "OFF" before disconnecting the battery clamps. This will ensure your safety. Because both the spark proof and reverse polarity protection features are disabled.

Most vehicles will immediately start. Some vehicles may require the N01 to be connected for up to 30 seconds before starting. If the vehicle does not start right away, wait 20-30 seconds and try again. Do not attempt more than five (5) consecutive jump starts within a fifteen (15) minute period. Allow the N01 to rest for fifteen (15) minutes before attempting to jump start the vehicle again.

2. Energy Saving Auto Shut Off.

The N01 has a built in energy saving feature that will automatically turn the unit off after one (1) minute. To continue using, simply power on the unit again.

Understanding Error Conditions

The N01 shall display an Error Condition when a reverse polarity condition is present, a battery below two (2) volts, or the internal battery overheating. When one of these Error Conditions are present, the following will happen:

Error	Reason/Solution
Error LED Solid Red	Reverse polarity/ Reverse the battery connections
Error LED Blinking Red w. Cables Connected Properly	The internal battery is too hot/ Allow the unit to cool Bring the unit into cooler environment
Boost Light Does Not Come On w. Cables Connected Properly	Connected battery is below 2-volts/ Remove all loads, and try again, or use Manual Override Mode

User Interface

1.Internal Battery Level

Indicates the charge level of the internal battery. LCD screen will display "USB OUT", if no load, it will turn off in 30s.

2. Power Button

Push to turn unit "On" & "Off".

3. Indicator Light

Illuminates Green when Boost is active. If the unit is connected properly to a battery, the N01 will automatically detect a battery and go into Boost mode.

4. Boost Button

To enable manual override, push and hold for three (3) seconds.

5. DC Output

Press Power button, connect to the cigar lighter to charge the car battery.

WARNING

Disables safety protection and manually forces Boost "On". Only for use when a battery is too low to be detected.

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3-year limited warranty | Lifetime technical support

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