

Enthuze ENT-TD6000

Enthuze ENT-TD6000 Jump Starter and Multifunction Power Bank Instruction Manual

1. INTRODUCTION AND OVERVIEW

The Enthuze ENT-TD6000 is a versatile device designed to provide emergency jump-starting for vehicles, inflate tires, and serve as a portable power bank. It also includes integrated LED light functions for various situations.

Key features include:

- **Inflatable Function:** Capable of inflating car tires, motorcycle tires, bicycle tires, air mattresses, water toys, and sports balls.
- **Car Jump Start:** Designed to jump-start 12V vehicle batteries using the included cables.
- **Mobile Power Supply:** Can charge/power cell phones, tablets, game consoles, cameras, and other digital smart devices.
- **LED Light Functions:** Features multiple LED light modes for illumination and signaling.



Figure 1: Enthuze ENT-TD6000 Jump Starter and included accessories.

2. SETUP AND INITIAL USE

2.1 Charging the Device

Before first use, fully charge the Enthuze ENT-TD6000. Connect the device to a suitable power source using the provided USB-C cable. The display will indicate the charging status. A full charge typically takes approximately 3.5 hours.

2.2 Connecting Jump Start Cables

To prepare for jump-starting, ensure the jump starter is adequately charged. Connect the smart battery clamp to the jump starter's designated port. The device will indicate readiness.

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Video 1: Demonstration of connecting the smart battery clamp and jump-starting a vehicle.

3. OPERATING INSTRUCTIONS

3.1 Jump Starting a Vehicle

1. Ensure the jump starter is fully charged.
2. Connect the smart battery clamp to the jump starter.
3. Attach the red (+) clamp to the positive terminal of the vehicle's battery.
4. Attach the black (-) clamp to the negative terminal of the vehicle's battery or a solid, unpainted metal part of the engine block.
5. Press the switch button on the jump starter to activate the jump-start function.
6. Start the vehicle's engine.
7. Once the vehicle starts, immediately remove the clamps from the vehicle battery, then disconnect the smart battery clamp from the jump starter.

This device is suitable for jump-starting vehicles with up to 8.0L gasoline engines and 6.0L diesel engines, including small cars, SUVs, pickup trucks, motorcycles, and boats.

3.2 Using the Air Compressor

1. Screw the air hose into the designated port on the jump starter.
2. Connect the other end of the air hose to the tire valve or the item to be inflated.
3. Use the '+' or '-' buttons to set the desired air pressure.
4. Press and hold the switch button for 3 seconds to start the inflation process.
5. The device will automatically stop when the set pressure is reached.
6. Disconnect the air hose from the item and the jump starter.

3.3 Using as a Power Bank

The Enthuze ENT-TD6000 features USB output ports to charge various electronic devices:

- **USB Output 1:** 5V=3A, 9V=2A, 12V=1.5A
- **USB Output 2:** 5V=2.1A

Connect your device to the appropriate USB port using a compatible charging cable.

3.4 LED Light Functions

The device includes multiple LED light modes:

- **Stable Light:** For general illumination.
- **SOS Mode:** For emergency signaling.
- **Strobe Light:** For attracting attention.

Press the light button to cycle through the different modes.

4. MAINTENANCE

To ensure the longevity and optimal performance of your Enthuze ENT-TD6000, follow these maintenance guidelines:

- **Regular Charging:** Recharge the device every 3-6 months, even if not in use, to maintain battery health.
- **Storage:** Store the device in a cool, dry place. The recommended storage temperature should not be lower than -10°C or higher than 50°C. Extreme temperatures can shorten the product's life and damage the built-in battery.
- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Do not use harsh chemicals or abrasive materials.
- **Cable Inspection:** Periodically inspect the jump start cables and air hose for any signs of wear, damage, or corrosion. Replace if necessary.

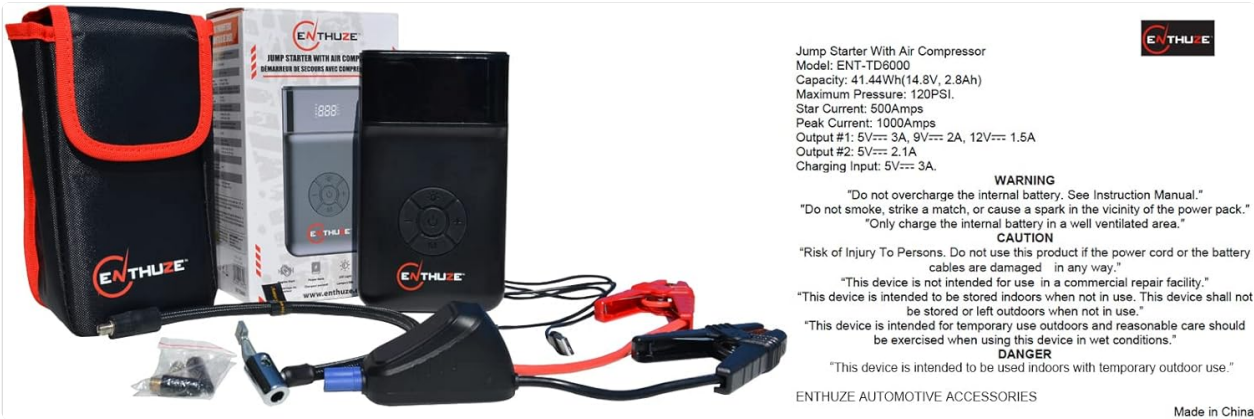


Figure 2: Product with accessories and important warnings.

5. TROUBLESHOOTING

Refer to the table below for common issues and their solutions:

Error Message	Cause	Solution
ERROR	Jumper cables connected with reversed polarity to the car battery.	Connect the battery clamps to the correct positive and negative terminals.
LOW	Correctly connected car battery, but battery voltage is below 9V, and the core temperature is above 0°C/32°F.	BOOST button for 2 seconds to use the forced boost function.
OUT IN	High-temperature protection activated, displaying core temperature overheating.	The product activates temperature protection below 50°C/122°F and resumes output when the temperature drops to 45°C/113°F.

Error Message	Cause	Solution
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IN	Low-temperature protection activated.	The product activates temperature protection below -10°C/-4°F and resumes output at 0°C/32°F-37°F.
START	Buzzer sounding, silence after 30 seconds.	Overcurrent detected, stop starting vehicle, disappear for 30S.
START	Vehicle start detected more than 5 times within 10 minutes, buzzer sounds buzzer mutes after 30S "START" continues to flash.	Stop starting the vehicle and the safety mode disappears after 10 minutes.

6. SPECIFICATIONS

Detailed technical specifications for the Enthuze ENT-TD6000:

Parameter	Value
Product Name	Jump Starter with Air Compressor
Model	ENT-TD6000
Size	193 x 110 x 53mm
Inflation Pressure Range	0.2-8bar / 3-120psi
Operating Temperature	Charge: 0°C~45°C, Discharge: -10°C~45°C
Storage Temperature	-10°C~50°C
Inflatable Hose Length	435mm (including air nozzle)
Battery Capacity	41.44Wh (14.8V, 2.8Ah)
Working Noise	Less than 80dB away from 1 meter
Charging Input	5V=3A
Charging Time	About 3.5 hours
USB Output 1	5V=3A, 9V=2A, 12V=1.5A
USB Output 2	5V=2.1A
Air Pressure Sensor Accuracy	±1psi
Start Car Voltage	12V
Start Car Current	500A (1000A Peak)

BASIC PARAMETERS

PARAMÈTRES DE BASE

Product Name Nom du produit	Jump Starter with Air Compressor Nom du produit
Model Modèle	ENT-TD6000
Size Dimension	193 × 110 × 53mm
Inflation Pressure Range Plage de pression de gonflage	0.2~8bar / 3~120psi 0,2 à 8 bar/3 à 120 psi
Operating Temperature Température de fonctionnement	Charge: 0°C~45°C, Discharge: -10°C~45°C Charge: 0 °C à 45 °C, Décharge: -10 °C à 45 °C
Storage Temperature Température de stockage	-10°C~50°C -10 °C à 50 °C
Inflatable Hose Length Longueur du tuyau d'air	435mm(Including air nozzle) 435 mm (buse à air comprise)
Battery Capacity Capacité de la batterie	41.44Wh(14.8V, 2.8Ah) 41,44Wh(14,8V, 2,8Ah)
Working Noise Bruit de fonctionnement	Less than 80dB away from 1 meter Moins de 80 dB à 1 m de distance
Charging Input Entrée de recharge	5V=3A
Charging Time Durée de recharge	About 3.5 hours Environ 3,5 heures
USB Output 1 Sortie USB 1	5V=3A, 9V=2A, 12V=1.5A 5V=3A, 9V=2A, 12V=1,5A
USB Output 2 Sortie USB 2	5V=2.1A 5V=2,1A
Air Pressure Sensor Accuracy Précision du capteur de pression d'air	±1psi
Start Car Voltage Tension de démarrage de la voiture	12V
Start Car Current Courant de démarrage de la voiture	500A (1000A Peak) 500 A (crête à 1000 A)



The storage temperature should not be lower than -10°C or higher than 50°C. Too cold or too hot will shorten the life of the product and damage the built-in battery.

La température de stockage ne doit pas être inférieure à -10 °C ou supérieure à 50 °C. Une température trop froide ou trop chaude affectera la durée de vie du produit et endommagera la batterie intégrée.

Figure 3: Basic Parameters of the Enthuze ENT-TD6000.

7. IMPORTANT SAFETY WARNINGS

- Do not overcharge the internal battery. Refer to the instruction manual for proper charging procedures.
- Do not smoke, strike a match, or cause a spark in the vicinity of the power pack during operation.

- Only charge the internal battery in a well-ventilated area.
- Turn off the 12V firing output when the remaining power of the device's battery cell is less than 20%. USB port can output normally.
- Risk of Injury to Persons. Do not use this product if the power cord or the battery cables are damaged in any way.
- This device is not intended for use in a commercial repair facility.
- This device is intended to be stored indoors when not in use. This device shall not be stored or left outdoors when not in use.
- This device is intended for temporary use outdoors and reasonable care should be exercised when using this device in wet conditions.

8. WARRANTY AND SUPPORT

For warranty information or technical support, please contact Enthuze Automotive Products directly. Keep your purchase receipt as proof of purchase.