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› Tyrell Chenergy HH635 Car Battery Jump Starter with Air Compressor - Instruction Manual

Tyrell Chenergy HH635

Tyrell Chenergy HH635 Car Battery Jump Starter with Air Compressor

Model: HH635 | Brand: Tyrell Chenergy

Your essential roadside companion for jump starting vehicles and inflating tires.

INTRODUCTION

The Tyrell Chenergy HH635 is a versatile and portable multi-function device designed for automotive emergencies and general utility. It combines a powerful 1000 Amp peak current jump starter, a 260 PSI air compressor, a portable power station with USB and DC outlets, and an integrated LED light. This manual provides detailed instructions for safe and effective use of your device.

WHAT'S IN THE BOX

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AC charger



DC charger



High air-flow
nozzles

Image: The Tyrell Chenergy HH635 unit with its included accessories: AC charger, DC charger, and three air nozzles.

- 1x Tyrell Chenergy HH635 Battery Jump Starter with Air Compressor
- 1x AC Charger
- 1x DC Charger (for vehicle charging)
- 3x Air Nozzles (for various inflatables)
- 1x User Guide

PRODUCT OVERVIEW AND CONTROLS



Image: Front panel of the HH635 unit, highlighting its various ports and indicators.

Familiarize yourself with the main components and controls of your HH635 unit:

- **Battery Indicator:** Displays the current charge level of the internal battery.
- **Power Switch:** Activates the unit's functions.
- **USB Port (5V 2.1A):** For charging mobile devices.
- **DC 12V Outlets:** Two ports for powering 12V DC accessories.
- **Air Compressor Gauge:** Shows the pressure during inflation.
- **Air Compressor Hose:** Connects to tires or inflatables.
- **Jump Start Clamps:** Red (+) and Black (-) clamps for vehicle jump starting.
- **LED Light:** Provides illumination for dark environments.

CHARGING THE UNIT

Before first use, fully charge the HH635 for at least 24 hours. Regular charging ensures optimal performance and extends battery life.

Charging with AC Adapter

CHARGING WITH AC ADAPTER

Plug the AC adapter power cord into the input charging jack on the front of the unit, then plug the adapter into a wall AC outlet. Charge for 24 hours or until the battery is fully charged.



CHARGING WITH DC ADAPTER

The plug input of the DC adapter plugs into the jump starter charging port and the other end into your vehicle's cigarette lighter socket.

Image: Instructions for charging the HH635 via AC wall adapter.

1. Plug the AC adapter power cord into the input charging jack on the front of the unit.
2. Plug the AC adapter into a standard wall AC outlet.
3. Charge for 24 hours or until the battery indicator shows a full charge.

Charging with DC Adapter (Vehicle)

You can also charge the unit while driving using the DC adapter.

1. Plug the DC adapter input into the jump starter charging port.
2. Plug the other end of the DC adapter into your vehicle's cigarette lighter socket.
3. The unit will charge while the vehicle is running.

OPERATING INSTRUCTIONS

Jump Starting Your Vehicle

SAFELY JUMP START

Heavy duty impact resistant ABS/TPE housing



- Intelligent overload protection
- Pure copper heavy duty fixture
- Reverse polarity indication & alarm

Image: The HH635 connected to a car battery for jump starting, emphasizing safety features like intelligent overload protection and reverse polarity indication.

The HH635 is designed for 12V cars with up to 5L Gas or 5L Diesel engines. It features short-circuit protection, over-temperature protection, reverse connection protection, over-current protection, overcharge protection, and over-voltage protection.

1. Ensure the HH635 is fully charged.
2. Connect the red (+) jump start clamp to the positive (+) terminal of the vehicle's battery.
3. Connect the black (-) jump start clamp to a clean, unpainted metal part of the vehicle's engine block or chassis, away from the battery.
4. Ensure all connections are secure.
5. Turn on the HH635 unit. The battery indicator should show green, indicating it's ready.
6. Attempt to start the vehicle. If it doesn't start immediately, wait a few minutes and try again.
7. Once the vehicle starts, disconnect the black (-) clamp first, then the red (+) clamp.
8. Store the clamps securely on the unit.

Using the Air Compressor

260PSI SUPER AIR COMPRESSOR



Image: The HH635's air compressor in use, inflating a car tire. Additional nozzles are displayed for inflating items like basketballs, swimming rings, and inflatable kayaks.

The air compressor provides a maximum pressure of 260 PSI and an airflow of 38L/Min, suitable for car tires, motorcycles, bikes, and various inflatables.

1. Uncoil the air compressor hose from the unit.
2. Attach the appropriate air nozzle to the hose. For tires, screw the hose directly onto the tire valve stem.
3. Ensure the connection is secure to prevent air leakage.
4. Turn on the air compressor switch.
5. Monitor the pressure gauge on the unit. Inflate to the recommended PSI for your item.
6. Once the desired pressure is reached, turn off the air compressor switch.
7. Quickly disconnect the hose from the item.
8. Store the hose and nozzles back on the unit.

Powering External Devices (USB & DC Outlets)

DC POWER SOURCE

• 2 DC Portable power outlets

• Charge USB(5V 2.1A) port



Image: The HH635 serving as a portable power source, charging a phone and powering a cooler, demonstrating its utility for camping and outdoor activities.

The HH635 can act as a portable power station for various electronic devices.

- **USB Port:** The 5V 2.1A USB port is compatible with most USB charging devices like cell phones, tablets, and digital cameras. Simply plug your device's USB cable into the port and turn on the unit.
- **DC 12V Outlets:** The two 12V DC outlets allow you to power car electronics such as portable coolers, fans, or other 12V accessories. Plug your device into one of the DC outlets and turn on the unit.

Using the LED Light

The integrated LED light provides illumination for emergencies or low-light conditions.

- Locate the LED light switch on the unit.
- Flip the switch to turn the light on or off.
- The bright LED light is useful for working under the hood at night or as a general utility light during power outages or camping.

Official Product Video Guide

Watch the official product video for a visual demonstration of the Tyrell Chenergy HH635's features and operation, including jump starting and air compressor use.

Your browser does not support the video tag.

Video: A comprehensive guide demonstrating the features and usage of the Tyrell Chenergy HH635 Car Battery Jump Starter with Air Compressor.

Specifications

Brand	Tyrell Chenergy
Model	HH635
Peak Output Current	1000 Amps
Air Compressor Pressure	Max 260 PSI
USB Output	5V 2.1A
DC Outlets	2x 12V DC
Battery Type	12V (included)
Item Weight	10.23 pounds
Package Dimensions	9.84 x 9.57 x 7.32 inches

Care and Maintenance

- Always store the unit in a cool, dry place away from direct sunlight and moisture.
- Keep the unit fully charged when not in use to prolong battery life. Recharge every 3-6 months if stored for long periods.
- Clean the exterior with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Ensure jump start clamps and air hose are clean and free of debris before storage.
- Do not attempt to open or service the internal components of the unit. Refer to qualified personnel for repairs.

Troubleshooting

If you encounter issues with your Tyrell Chenergy HH635, refer to the following common solutions:

- **Unit Not Charging:** Ensure the AC/DC adapter is properly connected to both the unit and the power source. Check if the power outlet is functional.
- **Vehicle Not Starting:** Verify that the jump start clamps are securely connected to the correct battery terminals (red to positive, black to negative/ground). Ensure the unit is fully charged. The vehicle's battery might be severely discharged or damaged, requiring professional assistance.
- **Air Compressor Not Working/Low Pressure:** Check for kinks in the air hose. Ensure the nozzle is securely attached to the item being inflated. Verify the unit has sufficient charge.
- **LED Light Not Working:** Check the power switch for the LED light. Ensure the unit has sufficient charge.

For persistent issues or complex problems, please contact customer support.

Warranty and Support

Tyrell Chenergy is committed to providing reliable products. For any product-related inquiries, technical support, or warranty claims, please contact the manufacturer directly. Information regarding specific warranty periods and terms can be found in the packaging or by contacting Tyrell Chenergy customer service.

Please note that a 30-day refund/replacement policy is typically available for products purchased through Amazon. For details, refer to your purchase records or Amazon's return policy.

Manufacturer: Tyrell Chenergy

