

JG-819

Generic YX1819 Portable Tire Inflator and Emergency Starter Kit User Manual

Model: JG-819 | Brand: Generic

1. PRODUCT OVERVIEW

The Generic YX1819 is a versatile portable device designed for vehicle emergencies and general inflation needs. It functions as a tire inflator, an emergency car battery starter, and a portable power bank, featuring an integrated LED light for convenience in low-light conditions.

Key Features:

- **Fast Inflation:** Equipped with a high-performance chip, providing 32L/Min airflow for rapid tire inflation.
- **Powerful Battery:** Features a rechargeable 7800mAh battery for wireless operation and extended runtime.
- **Smart Modes:** Includes 4 preset inflation modes (bicycles, motorcycles, cars, balls) and a manual mode (5-150 PSI).
- **Accurate LCD Display:** Shows real-time and preset pressure values, with an auto-stop function to prevent over-inflation.
- **Multifunctional:** Acts as a tire inflator, emergency starter, power bank (USB-A output), and has a 2-mode LED light.

Package Contents:

- 1 x Schrader-Presta valve adapter
- 1 x Needle valve adapter
- 1 x Air tube
- 1 x USB charging cable
- 1 x Storage bag
- 4 x Tire mouth caps
- 1 x Portable Tire Inflator and Emergency Starter Kit (Main Unit)



Figure 1.1: The Generic YX1819 Portable Tire Inflator in use, showing its digital display and connection to a tire valve. This image illustrates the device's primary function as an air compressor for various inflatables.

2. SAFETY INSTRUCTIONS

Please read all safety instructions carefully before using the device to prevent injury or damage. Keep this manual for future reference.

General Safety:

- Do not leave the device unattended during operation.
- Keep out of reach of children.
- Do not operate in wet conditions or expose to rain.
- Avoid disassembling the device; refer servicing to qualified personnel.
- Ensure proper ventilation during use to prevent overheating.
- Do not point the air nozzle at people or animals.
- Always check the recommended pressure for the item being inflated to avoid over-inflation.

Battery and Charging Safety:

- Use only the provided USB charging cable or a compatible 5V/3A USB-C charger.

- Do not expose the battery to extreme temperatures or direct sunlight.
- If the battery appears damaged or swollen, discontinue use immediately.

Emergency Starter Safety:

- Ensure the vehicle battery voltage matches the starter's output.
- Connect the red clamp to the positive (+) terminal and the black clamp to the negative (-) terminal.
- Disconnect the clamps within 30 seconds after the vehicle starts.
- Do not short-circuit the clamps.



Figure 2.1: Diagram illustrating the multiple safety protection features of the device, including shortcut, over-charge, reverse-charge, over-temperature, over-voltage, and output protection. An audible buzz and flashing lights indicate incorrect use of the car battery jump cables.

3. SETUP

3.1 Charging the Device

1. Locate the USB-C input port on the device.
2. Connect the provided USB charging cable to the device's USB-C port.
3. Connect the other end of the USB cable to a compatible USB power adapter (not included) or a car charger.
4. The LCD display will indicate the charging status. Charge the device fully before first use.

3.2 Attaching the Air Hose and Adapters

1. Screw the air tube securely onto the air outlet port of the inflator.
2. For Schrader valves (common on cars, motorcycles, and some bicycles), directly connect the air tube to the valve stem.
3. For Presta valves (some bicycles), screw the Schrader-Presta valve adapter onto the Presta valve, then connect the air tube.

4. For inflatable balls, screw the needle valve adapter onto the air tube, then insert the needle into the ball's inflation port.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

- **Power On:** Press and hold the power button () for 2-3 seconds. The LCD screen will light up.
- **Power Off:** Press and hold the power button () for 2-3 seconds. The device will also automatically power off after a period of inactivity.

4.2 Tire Inflation

1. **Connect:** Attach the air tube to the item you wish to inflate. The current pressure will be displayed on the LCD screen.
2. **Select Mode:** Press the 'M' button to cycle through the preset modes: Bicycle, Motorcycle, Car, Ball. Each mode has a default pressure value.
3. **Manual Mode:** To set a custom pressure, select any mode and then use the '+' and '-' buttons to adjust the target pressure (range: 5-150 PSI).
4. **Start Inflation:** Press the power button () to begin inflation. The device will automatically stop when the preset pressure is reached.
5. **Stop Inflation:** To manually stop inflation, press the power button () again.
6. **Disconnect:** Carefully disconnect the air tube from the item. A small amount of air may escape, which is normal.

4.3 Emergency Car Starting

This device can provide a temporary power boost to start a vehicle with a dead battery.

1. Ensure the device is sufficiently charged.
2. Connect the red jump starter clamp to the positive (+) terminal of the vehicle battery.
3. Connect the black jump starter clamp to the negative (-) terminal of the vehicle battery.
4. Start the vehicle's engine.
5. Once the engine starts, immediately disconnect the black clamp, then the red clamp, from the vehicle battery.

EMERGENCY STARTER

Suitable for Various Vehicle Models



Figure 4.1: The Generic YX1819 device connected to a car battery using jump starter clamps, demonstrating its emergency starting capability. The image highlights the device's role as a portable emergency starter.

4.4 Using the LED Light

The device includes a 2-mode LED light for illumination in dark environments.

- **Turn On/Cycle Modes:** Press the light button () to cycle through the light modes: Flash Light, SOS Light, Strobe Light.
- **Turn Off:** Continue pressing the light button until the light turns off.

3 LED LIGHTS MODES



Flash Light



SOS Light



Strobe Light



Figure 4.2: A person using the integrated LED light of the portable tire inflator to illuminate a car engine bay. This demonstrates the device's utility in low-light conditions for tasks like tire inflation or emergency repairs.

4.5 Using as a Power Bank

The device can charge other electronic devices via its USB-A output port.

1. Locate the USB-A output port on the device.
2. Connect your device's charging cable to the USB-A output port.
3. The device will begin charging the connected electronic device.

5. MAINTENANCE

5.1 Cleaning

- Wipe the exterior of the device with a soft, dry cloth.
- Do not use harsh chemicals, abrasive cleaners, or immerse the device in water.

5.2 Storage

- Store the device in a cool, dry place, away from direct sunlight and extreme temperatures.
- Ensure the device is fully charged before storing for extended periods to prolong battery life. Recharge every

3-6 months if not in use.

- Keep the device and accessories in the provided storage bag to prevent damage.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Low battery or no charge.	Charge the device fully using the USB-C port.
Air compressor does not inflate.	Air tube not securely connected; target pressure not set; battery too low.	Ensure air tube is tightly screwed on. Set a target pressure. Charge the device.
Inaccurate pressure reading.	Loose connection to valve stem.	Ensure the air tube is securely attached to the valve stem.
Emergency starter not working.	Low device battery; incorrect clamp connection; vehicle battery completely dead.	Ensure device is fully charged. Verify correct positive/negative clamp connection. The vehicle battery may be beyond jump-starting.
Device overheats during use.	Prolonged continuous operation.	Allow the device to cool down for at least 10-15 minutes before resuming operation. Avoid continuous use for more than 10 minutes.

7. SPECIFICATIONS

Feature	Detail
Model Number	JG-819 (Part number YX1819)
Manufacturer	Melanony
Item Weight	1.25 Kilograms (1250 Grams)
Package Dimensions	32 x 19.6 x 8.7 cm
Color	Black
Power Source Type	Battery Powered
Battery Capacity	7800mAh
Voltage	5 Volts
Maximum Power	3200 Watts
Air Flow Capacity	32 Liters Per Minute
Maximum Pressure	150 PSI (Pound per Square Inch)
Noise Level	75 Decibels

Feature	Detail
USB-C Input	5V/3A
USB-A Output	5V/2A
Special Features	7800mAh battery life, Car Battery Portable Emergency Starter Kit, Automatic shut-off, 19-cylinder high-speed inflation, 2-mode LED light

8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided with your purchase or contact the manufacturer directly.

- **Manufacturer:** Melanony
- **Model:** JG-819
- **ASIN:** B0GCTP8198

Please retain your proof of purchase for any warranty claims.