

UTRAI JS-9

UTRAI JS-9 Jump Starter and Air Compressor User Manual

Model: JS-9 | Brand: UTRAI

PRODUCT OVERVIEW

The UTRAI JS-9 is a versatile multi-function device designed for automotive emergencies and daily convenience. It integrates a powerful jump starter, an air compressor, and a portable power bank into a single compact unit. This manual provides detailed instructions for safe and effective operation.



The UTRAI JS-9 multi-function device, showcasing its jump starter clamps, air hose, and various adapters, along with its carrying case.

PACKAGE CONTENTS

Please verify that all items are present in your package:

- UTRAI JS-9 Jump Starter and Air Compressor Unit
- Smart Jumper Clamps
- Air Hose
- Nozzle Adapters (for various inflatables)
- USB-C Charging Cable
- User Manual
- Storage Case

KEY FEATURES

- **High-Capacity Jump Starter:** 5000A peak current, 27000mAh battery capacity, capable of starting 12V vehicles (up to 8.5L diesel and all gasoline engines) over 30 times on a single charge.
- **Integrated Air Compressor:** 150 PSI maximum pressure with tire pressure detection, suitable for car tires, motorcycle tires, bicycle tires, and various inflatables.
- **Portable Power Bank:** 18W USB-A output and 18W Type-C input/output for charging smartphones, tablets, and other USB-powered devices.
- **Multi-function LED Light:** Features illumination, strobe, and SOS modes for emergency situations.
- **Advanced Safety Protections:** Built-in safeguards against short circuits, overheating, low temperature, overvoltage, undervoltage, overcurrent, overdischarge, and overload.
- **Large LCD Display:** Provides clear readings for input/output status, power indicator, air pressure, and inflation unit.

Herramienta esencial para la supervivencia en carretera

Apto Para Vehículos de 12V



Cortacésped



Moto



Vehículo
todoterreno



8.5L
Gasolina



6.5L
Diesel



The UTRAI JS-9 jump starter demonstrating its compatibility with various 12V vehicles including cars, motorcycles, ATVs, lawnmowers, and tractors, highlighting its versatility for different engine types.

Pantalla Grande

Indicaciones Funcionales Del Producto

Modo Inflable

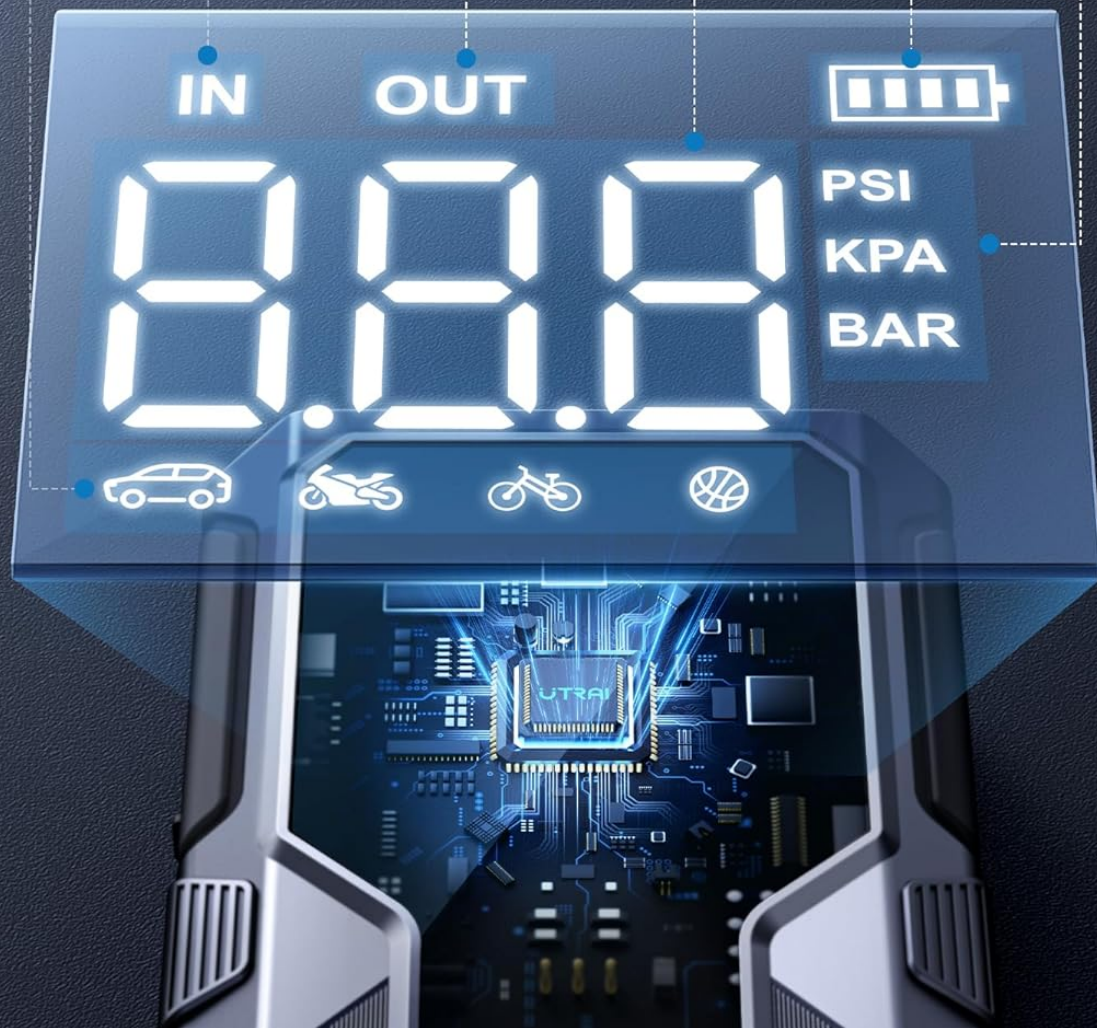
Visualización de Salida

Indicador de Potencia

Visualización
de Entrada

Indicador
de Presión de Aire

Unidad Inflable



A close-up view of the UTRAI JS-9's large LCD display, showing indicators for inflation mode, input/output visualization, power level, air pressure, and inflation units (PSI, KPA, BAR).

Diseño de Protección de Seguridad



Protección contra cortocircuitos



Protección contra sobrecalentamiento



Protección contra baja temperatura



Protección contra sobretensiones



Protección contra baja tensión



Protección contra sobretensión



Protección contra sobredescarga



Protección contra sobrecarga



Diagram illustrating the comprehensive safety protection features of the UTRAI JS-9, including safeguards against short circuits, overheating, low temperature, overvoltage, undervoltage, overcurrent, overdischarge, and overload.

INITIAL SETUP AND CHARGING

1. **Unpacking:** Carefully remove all components from the packaging and check against the package contents list.
2. **Initial Charge:** Before first use, fully charge the UTRAI JS-9. Connect the provided USB-C charging cable to the

device's Type-C input port and a suitable USB power adapter (not included). The LCD display will show the charging progress. A full charge is indicated when the battery icon is solid.

3. **Storage:** Store the device in its carrying case in a cool, dry place when not in use.

OPERATING INSTRUCTIONS

Jump Starting a Vehicle

Important Safety Notes:

- Ensure the vehicle's ignition is off.
 - Do not touch the red and black clamps together.
 - Do not jump start a vehicle if the battery voltage is below 10V.
 - If the first attempt fails, wait at least 30 seconds before trying again.
 - Remove the jump starter immediately after the vehicle starts.
1. Connect the smart jumper clamps to the UTRAI JS-9's jump start port.
 2. Connect the **red (+)** clamp to the vehicle's positive battery terminal.
 3. Connect the **black (-)** clamp to the vehicle's negative battery terminal or a solid, unpainted metal part of the engine block.
 4. Ensure the clamps are securely attached. The smart clamp indicator light will show readiness.
 5. Start the vehicle's engine.
 6. Once the vehicle starts, immediately disconnect the black clamp first, then the red clamp from the vehicle battery.
 7. Disconnect the smart jumper clamps from the UTRAI JS-9.

Using the Air Compressor

The integrated air compressor can inflate tires and other inflatables up to 150 PSI.

1. Connect the air hose to the air output port on the UTRAI JS-9.
2. Attach the appropriate nozzle adapter to the air hose, if needed, for your inflatable item.
3. Connect the air hose to the tire valve or inflatable item.
4. Turn on the UTRAI JS-9. The display will show the current pressure.
5. Use the '+' and '-' buttons to set the desired pressure.
6. Press the inflation button to start inflation. The compressor will automatically stop when the preset pressure is reached.
7. Disconnect the air hose from the item and the UTRAI JS-9.

150 PSI Ultra Alta Velocidad

Compresor de aire con detección de presión de neumáticos



Modo
Coche



Modo
Moto



Modo
Bicicleta



Modo
Baloncesto



Modo
Personalizado



PSI

BAR

KPA

The UTRAI JS-9's air compressor function in action, showing the device connected to a car tire valve and the display indicating pressure in PSI, BAR, and KPA, along with various inflation modes.

Using as a Power Bank

The UTRAI JS-9 can charge your electronic devices.

1. Connect your device's USB charging cable to the USB-A output port on the UTRAI JS-9.
2. The device will begin charging automatically.
3. Monitor the battery level on the UTRAI JS-9's display.

Power Bank de Carga Rápida



Salida USB-A
de 18W



Entrada Tipo-C
de 18W



Consola de Juego



Teléfono



Tableta



Auriculares



Drone



Reloj Inteligente



Cámara



The UTRAI JS-9 functioning as a power bank, with cables connected to charge a smartphone and a laptop, demonstrating its 18W fast charging capability via USB-A and Type-C ports.

Using the LED Light

The built-in LED light provides illumination for various situations.

1. Press the light button once to turn on the steady illumination mode.
2. Press again for strobe mode.
3. Press a third time for SOS signal mode.

4. Press a fourth time to turn off the light.



The UTRAI JS-9's multi-function LED light illuminated, showing its use for camping and emergency situations, with modes for steady illumination, strobe, and SOS.

MAINTENANCE AND STORAGE

- **Cleaning:** Wipe the device with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.

- **Charging:** For optimal battery life, fully charge the device every 3-6 months, even if not in use.
- **Storage Temperature:** Store the device in a temperature range of -20°C to 60°C (-4°F to 140°F). Avoid extreme heat or cold.
- **Avoid Moisture:** Keep the device dry and away from water or excessive humidity.
- **Clamp Care:** Inspect the jumper clamps for any damage or corrosion before each use.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not turn on.	Battery is depleted.	Charge the device fully.
Vehicle does not start after jump attempt.	Clamps not connected properly; Vehicle battery too low; Engine issue.	Ensure clamps are securely connected to correct terminals. Check vehicle battery voltage. Consult a mechanic if the issue persists.
Air compressor not inflating.	Hose not connected securely; Pressure setting too low; Device battery low.	Check hose connections. Adjust desired pressure. Charge the device.
Power bank not charging devices.	Cable issue; Device battery low; Incompatible device.	Try a different USB cable. Charge the UTRAI JS-9. Ensure your device is compatible with USB charging.

PRODUCT SPECIFICATIONS

Feature	Specification
Model	JS-9
Peak Current	5000A
Battery Capacity	27000mAh
Start Voltage	12V
Engine Compatibility (Gas)	All gasoline engines
Engine Compatibility (Diesel)	Up to 8.5L diesel engines
Air Compressor Max Pressure	150 PSI
USB-A Output	18W
Type-C Input/Output	18W

Feature	Specification
Operating Temperature	-20°C to 60°C (-4°F to 140°F)
Dimensions	25.1 x 13.8 x 10.9 cm (approx.)
Weight	1.39 kg (approx.)

SAFETY PRECAUTIONS







Read all safety warnings and instructions before using this product. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- Do not operate the device if it is damaged.
- Keep out of reach of children.
- Do not expose the device to rain or wet conditions.
- Do not disassemble the device. Refer all servicing to qualified service personnel.
- Use only the provided or recommended accessories.
- Ensure proper ventilation during use and charging.
- Avoid extreme temperatures.
- Do not use the jump starter to charge vehicle batteries. It is designed for jump starting only.
- Always disconnect the negative clamp first when finished jump starting.

WARRANTY AND SUPPORT

UTRAI products are designed and manufactured to the highest quality standards. For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official UTRAI website. Please retain your proof of purchase for warranty claims.

Related Documents - JS-9

	<p>UTRAI JS-9 Multi-Functional Car Jump Starter User Manual</p> <p>Comprehensive user manual for the UTRAI JS-9 Multi-Functional Car Jump Starter, detailing its features, operation, safety precautions, and troubleshooting.</p>
	<p>UTRAI Jump Starter JS-Mini User Manual</p> <p>User manual for the UTRAI JS-Mini Jump Starter, providing detailed instructions on its features, operation, specifications, and safety precautions for jump-starting vehicles and charging devices.</p>
	<p>UTRAI JS-5 Jump Starter & Air Compressor User Manual</p> <p>Comprehensive user manual for the UTRAI JS-5 Jump Starter and Air Compressor, detailing its features, operation, safety precautions, and troubleshooting. Includes jump starting, tire inflation, and device charging instructions.</p>
	<p>UTRAI JS-9 Jump Starter and Air Inflator User Manual</p> <p>Comprehensive user manual for the UTRAI JS-9, a 15000mAh car jump starter with a 150 PSI air inflator. Learn about its features, operation, safety precautions, and troubleshooting.</p>
	<p>UTRAI JS-30 Jump Starter With Air Compressor User Manual</p> <p>Comprehensive user manual for the UTRAI JS-30 Jump Starter With Air Compressor, detailing its features, operation, safety precautions, and troubleshooting. This versatile device combines a jump starter and an air compressor for automotive needs.</p>
	<p>UTRAI T1 Jump Starter User Manual - Portable Car Battery Booster</p> <p>Comprehensive user manual for the UTRAI T1 portable jump starter. Learn how to charge your car battery, charge devices, use the LED flashlight, and understand safety features.</p>

