

Soulor CYD22

Soulor CYD22 Portable Jump Starter with Air Compressor

Instruction Manual

1. INTRODUCTION

Thank you for choosing the Soulor CYD22 Portable Jump Starter with Air Compressor. This multifunctional device is designed to provide reliable emergency power for jump-starting vehicles and inflating tires, along with other useful features like an LED flashlight and power bank capabilities. Please read this manual thoroughly before use to ensure safe and optimal operation.

[Official product video demonstrating the Soulor CYD22 Jump Starter with Air Compressor.](#)

[Official product video explaining why every driver needs a jump starter with a compressor.](#)

2. WHAT'S IN THE BOX

The Soulor CYD22 package includes the following items:

- 1x Soulor CYD22 Jump Starter with Air Compressor
- 1x Heavy-duty Jumper Cables
- 1x Air Pump Hose
- 4x Gas Nozzles
- 1x Insulated Gloves
- 1x USB-C Charging Cable
- 1x User Manual
- 1x Portable EVA Carrying Case

WHAT'S IN THE BOX



Image showing all items included in the Soulor CYD22 product package.

3. PRODUCT FEATURES

- **6000A Peak Current:** Capable of instantly starting all 12V cars, including up to 14.0L diesel engines.
- **150PSI Tire Inflator:** Integrates 7-in-1 functions for inflating cars, motorcycles, bicycles, balls, and more at 45L/min.
- **3.3-Inch LCD Screen:** Displays real-time pressure, preset pressure, units, and power level.
- **10-in-1 Comprehensive Protection:** Features reverse polarity, overcurrent, overcharge, over-discharge, high temperature, reverse connection, overvoltage, overload, short circuit, and spark-proof protections.

- **800-Lumen LED Light:** Offers three modes (Flashlight, Strobe, SOS) and can run for up to 88 hours on a single charge.
- **Portable Power Bank:** Functions as a quick charger for electronic devices.



The Soulor CYD22 device highlighting its 6000A peak current and 14L diesel engine compatibility.

150 PSI TIRE INFLATOR WITH REAL-TIME MONITORING

7-in-1 Function (Inflates Anything with One Pump)



The 150PSI tire inflator function with real-time monitoring and multiple inflation modes.

4. SAFETY INFORMATION

Always prioritize safety when using the Soulor CYD22. This device incorporates multiple protection features to ensure safe operation:

- Reverse Polarity Protection
- Overcurrent Protection
- Overcharge Protection
- Over-discharge Protection

- High Temperature Protection
- Reverse Connection Protection
- Overvoltage Protection
- Overload Protection
- Short Circuit Protection
- Spark-Proof Protection

Always wear the provided insulated gloves when handling jumper cables. Do not attempt to jump-start a frozen battery. Keep the device away from children.



Visual representation of the 10-in-1 comprehensive safety protections.

5. SETUP

5.1 Initial Charging

Before first use, fully charge the Soulor CYD22 using the provided USB-C charging cable. The 3.3-inch LCD screen will indicate the power level. Ensure the device is fully charged for optimal performance.

5.2 Connecting Jumper Cables

Connect the heavy-duty jumper cables to the EC5 jump start port on the device. Ensure a secure connection. The smart clamp will indicate readiness with flashing red and green lights.

6. OPERATING INSTRUCTIONS

6.1 Jump Starting Your Vehicle

1. Ensure the Soulor CYD22 is fully charged.
2. Connect the smart clamp to the EC5 port on the jump starter. The LED on the smart clamp will flash red and green.
3. Connect the red (+) clamp to the positive terminal of your vehicle's battery.
4. Connect the black (-) clamp to the negative terminal of your vehicle's battery.
5. The smart clamp LED will turn solid green, indicating it's ready to jump-start.
6. Start your vehicle's engine.
7. Once the engine starts, immediately remove the clamps from the vehicle battery, then disconnect the smart clamp from the jump starter.

Force Start Function

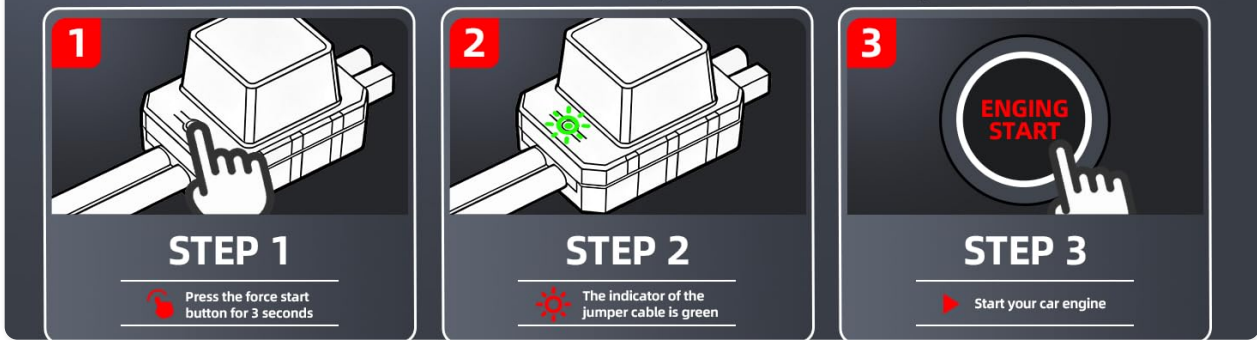
If your vehicle battery is severely depleted and the smart clamp does not show a solid green light, you may use the force start function. Press and hold the force start button on the smart clamp for 3 seconds until the indicator turns green. Then proceed to start your car.



Step-by-step guide for jump-starting a 12V vehicle.

FORCE START FUNCTION

The built-in Forced Start function ensures a successful ignition when the car battery is severely depleted



How to use the force start function when the car battery is severely depleted.

6.2 Tire Inflation

1. Screw the air pump hose into the designated port on the Soulor CYD22.
2. Attach the other end of the hose to the tire valve. Ensure a tight connection.
3. Turn on the device. The LCD screen will display the current tire pressure.
4. Use the mode button to select the desired inflation mode (car, motorcycle, bicycle, ball, etc.) or custom mode.
5. Use the +/- buttons to set the target pressure.
6. Press the power button to start inflation. The compressor will automatically stop once the preset pressure is reached.

3.3-Inch LARGE LCD SCREEN DISPLAY



Inflation
Modes



Preset Tire
Pressure Value



PSI
BAR
Inflation
Unit



Customized
Inflation Mode



Real-Time
Tire Pressure



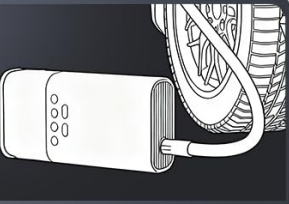
Power
Level




The 3.3-inch large LCD screen provides clear information during operation.

EASY TO INFLATE


1






STEP 1

Connect the air hose and tighten it
press  to turn on the device


2





STEP 2

Press "" to choose mode then
press "" to choose unit
press "" to set pressure

3



STEP 3

Hold on the "" to start the pump.
Auto shut off when reaching the
preset value, and you can also shortly
press "" again to stop it

Easy-to-follow steps for tire inflation.

6.3 LED Light Operation

The 800-lumen LED light has three modes:

- **Flashlight:** Long press the LED button to turn on/off.
- **Strobe:** Short press the LED button once after turning on the flashlight.
- **SOS:** Short press the LED button twice after turning on the flashlight.

3-in-1 LED FLASHLIGHT

800-Lumen Daily & Emergency Use

Illumination: Long press power button



Flashlight



SOS: Short press power button



SOS Modes



Strobe: Short press power button



Flashlight Alternatively



Start Your Dead Car In Seconds



Camping In Night



Emergency Signal

The 3-in-1 LED flashlight provides versatile lighting for various situations.

6.4 Using as a Power Bank

The device features USB-C input and USB-A output ports. Connect your electronic devices (phones, tablets, etc.) to the USB-A output port using their respective charging cables to use the jump starter as a portable power bank.

7. MAINTENANCE

- **Charging:** Recharge the device every 3-6 months, even if not in use, to maintain battery health.
- **Storage:** Store the device in its portable EVA carrying case in a cool, dry place away from direct sunlight

and extreme temperatures.

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

8. TROUBLESHOOTING

- **Device not turning on:** Ensure the device is charged. If not, connect it to a power source using the USB-C cable.
- **Vehicle not starting:** Check that the jumper cables are securely connected to both the jump starter and the vehicle battery terminals. Ensure the smart clamp LED is solid green. If the battery is severely depleted, use the force start function.
- **Tire inflator not working:** Ensure the air pump hose is securely screwed into the device and attached tightly to the tire valve. Check the preset pressure on the LCD screen.
- **Error codes:** Refer to the detailed user manual included in the package for specific error code interpretations and solutions.

9. SPECIFICATIONS

Feature	Specification
Brand	Soulor
Model	CYD22
Peak Amperage	6000 Amps
Tire Inflator Pressure	150 PSI
Air Volume	45L/min
LED Light Brightness	800 Lumens
Battery Type	Lithium Polymer
Voltage	12 Volts
Product Dimensions	5.71"D x 4.33"W x 9.45"H
Item Weight	2.86 pounds (1.3 Kilograms)

SPECIFICATIONS



- 1 LED Light
- 2 Display
- 3 USB 1 Output
- 4 USB 2 Output
- 5 USB-C Input
- 6 Power Button
- 7 LED Button
- 8 Hose Socket
- 9 EC5 Jump Start Port
- 10 Unit Adjust Button
- 11 Air Pressure Adjustment: "+" for Increase
- 12 Air Pressure Adjustment: "-" for Reduction
- 13 Mode Adjustment Button

Detailed diagram of the Soulor CYD22 with labeled components and dimensions.

10. WARRANTY & SUPPORT

Soulor is committed to providing high-quality products and excellent customer service. Your Soulor CYD22 comes with:

- **30-Day Return Policy:** No-excuses return within 30 days.
- **24-Month Replacement:** Replacement available for product defects within 24 months.
- **Lifetime Technical Support:** Dedicated 7/24h professional tech support.

If you have any after-sales questions or require technical assistance, please contact Soulor customer support

anytime.