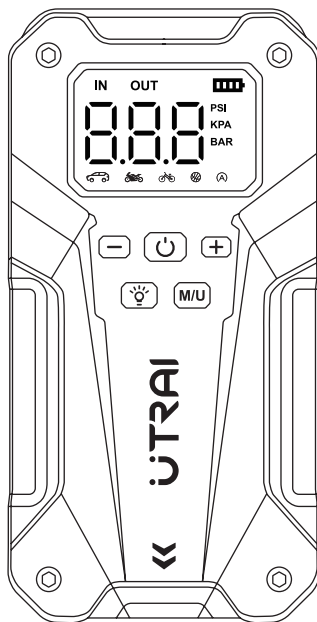


UTRAI



USER MANUAL

JS-20 Multi-functional battery jump starter

LANGUAGE

English	04-17
Deutsch	18-31
Francais	32-45
Espanol	46-59
Italiano	60-73
日本語	74-87



IMPORTANT

Thank you for choosing the UTRAI JS-20 jump starter! Please read the instruction manual carefully and use the product correctly according to the guidelines in the operation manual, so that you can get familiar with the product more conveniently and quickly!

Please Scan the Code for After-sales Service!



US



UK

Please Scan the Code for After-sales Service!

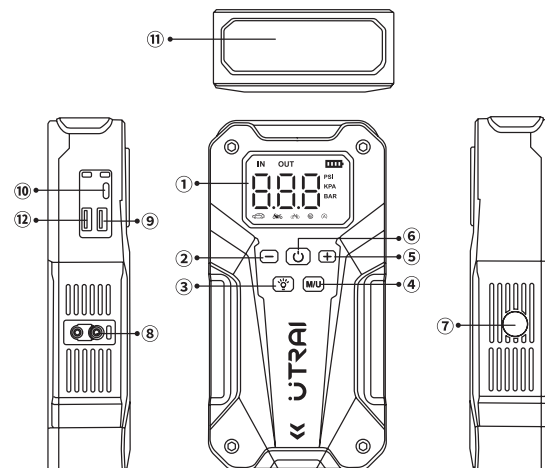
▶ ATTENTIONS:

★ ALWAYS TAKE CARE WHEN USING THE APPLIANCE!

1. When starting the vehicle, please keep a safe distance from the engine to avoid personal injury caused by the engine turning when the car starts!
2. Please do not hold the key to start the car for a long time, if you can not start the car successfully within 3 seconds, please release the key and try again later!
3. When you need to use this product continuously to start the car, please at least 1 minute interval!
4. Please disconnect it within 30 seconds after the vehicle is started to avoid damage to the product or even accidents!
5. The car starter output port is only for connecting the matching clamp line to start the car, please do not connect other loads to use!
6. In any case, it is prohibited to short-circuit the positive and negative poles of the clip, or connect the positive and negative poles of the clip to the car in reverse, so as to avoid safety accidents!
7. After starting the car with the starter power supply, please do not charge the starter power supply immediately, and leave it for 30 minutes until the battery cools down!
8. Please do not charge this product in an environment below 0 °C (32 °F) or above 40°C (104 °F)!
9. Continuous inflation for more than 10 minutes, it is recommended to stop for 10 minutes to wait for the temperature of the machine to decrease before continuing to use!
10. Intelligent protection relies on detecting the voltage of the car battery to identify the positive and negative poles are reversed, so please do not reverse the positive and negative poles of the clamp when the battery cable is removed or the battery is damaged without a little voltage, otherwise the car circuit or starting power may be damaged!
11. Please do not intentionally or unintentionally short-circuit the positive and negative terminals of the car starter output port, and do not mix it with metal objects or sharp objects (such as screwdrivers) when storing it.
12. When children use it, they should be guided by their parents and operate it in strict accordance with the contents of the manual to ensure its correct use!
13. During the use or charging process, if the device is slightly warm, it is a normal phenomenon, not a malfunction.
14. The use of this product should be kept well ventilated around, do not block the cooling holes, do not use in the following environments:

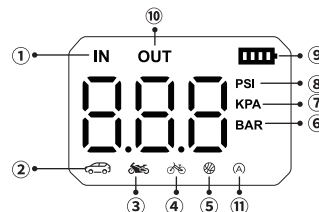
- Wet places and places that are easily splashed with water.
 - Places where it is easy to fall off.
 - Places where there are hazards of vibration, corrosion, dust, and chemical gases.
 - Places where flammable and explosive materials are stored, and near high temperature heat sources.
- When not in use, please unplug all external devices, so as to reduce power loss.
 - When not in use for a long time, it is recommended to keep the battery at a certain level of charge, and charge the product at least once every three months.
 - Do not use crude chemicals, such as soap or other cleaning agents containing strong alkali and strong acid.
 - Non-professionals, please do not disassemble the machine, so as not to damage the machine or cause safety accidents.
 - Please do not throw or burn the waste battery products, please care for the environment.
 - The power indicator on the product is only for reference and is not guaranteed to be completely accurate. Any slight error is normal.
 - All the patterns used in this manual are for reference only, please refer to the physical object.
 - When inflating car tires for a long time, high temperature will be generated at the joints of the air tube and equipment, please do not directly touch the metal head of the air tube connected to the product with your hands or other parts of the body, and you should pinch the heat-insulating silicone sleeve and then unscrew the air tube.

► PRODUCT LAYOUT



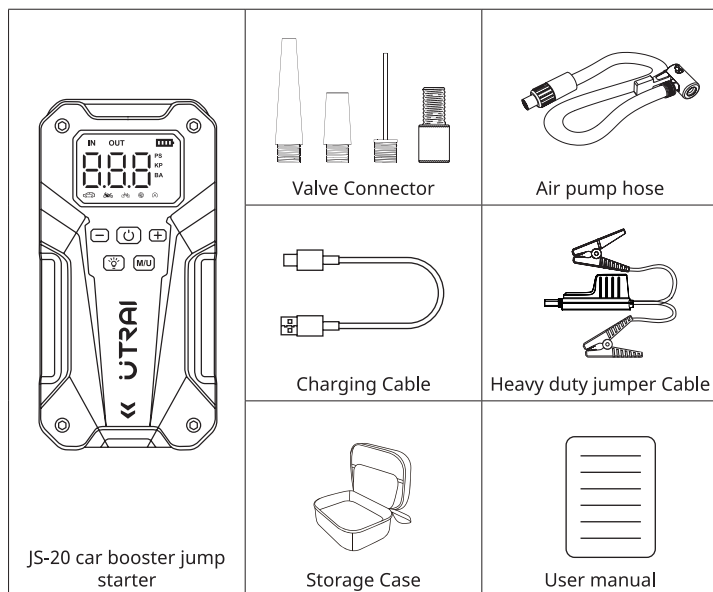
- | | |
|---------------------------------------|-----------------------------|
| ① Digital display | ⑦ Inflatable pump interface |
| ② Preset Air Pressure Decrease Button | ⑧ Start output port |
| ③ LED light button | ⑨ USB2 output port |
| ④ Mode/unit switching key | ⑩ TYPE-C input port |
| ⑤ Preset air pressure increase button | ⑪ LED light |
| ⑥ Power/start inflation button | ⑫ USB1 output port |

► SCREEN DISPLAY INTRODUCTION



- Charging indication icon
- Car inflation mode
- Motorcycle inflation mode
- Bicycle inflatable mode
- Basketball inflation mode
- Air pressure unit BAR
- Air pressure unit KPA
- Air pressure unit PSI
- Power indicator
- Output indication icon
- Custom Mode

► PACKAGE INCLUDE



► TECHNICAL SPECIFICATIONS

Battery capacity	10000mAh/37Wh
USB output 1	DC 5V $\approx$ 2.4A
USB Output 2	DC 5V $\approx$ 3A, 9V $\approx$ 2A, 12V $\approx$ 1.5A
USB C Input	5V $\approx$ 2A, 9V $\approx$ 2A
Working temperature range	-20°C $\sim$ 60°C
Charging temperature range	0°C $\sim$ 40°C
Maximum inflation pressure	150psi
Size	210mm*108mm*49mm

► OPERATION GUIDANCE

• LED Display

Press the Power Button to check the storage level of jump starter. On the screen, it shows the remaining power and activated output ports. Different number displaying on screen shows different storage level of jump starter. The number will reach to 100% when the charging is completed.

► DISPLAY ERROR CODE DESCRIPTION

- “E1”: Low temperature charging protection prompt code, it is recommended to unplug the charger and wait until the machine temperature protection is lifted before continuing to use.
- “E2”: High temperature charging protection prompt code, it is recommended to unplug the charger, to be lifted after the machine temperature protection and then continue to use.
- “E3”: High temperature discharge protection prompt code, it is recommended to unplug the electrical equipment, until the machine temperature protection is lifted before continuing to use.
- “E7”: Cylinder over-temperature protection prompt code, at this time it is recommended not to immediately contact the machine and the air pipe to prevent high temperature burns, to be the machine to stand for 10 ~ 15 minutes before continuing to operate.

► FUNCTION GUIDANCE

- Charge for phones, PSP, MP3/MP4, tablet PC and other electronics and power supply.
- With LED lighting function, can switch lighting, flash light, SOS mode.
- Built-in inflatable pump, support 5 kinds of inflatable mode:
 - Car inflation mode: setting range is 1.8BAR~3.5BAR.
 - Motorcycle inflatable mode: the setting range is 1.8BAR~3.0BAR.
 - Bicycle inflation mode: the setting range is 30PSI~65PSI.
 - Basketball inflatable mode: setting range 4PSI~16PSI.

(A) Customized air pressure mode: setting range 3PSI~150PSI.

Inflatable pump supports 3 units switching, BAR, KPA, PSI.

4. Support tire pressure detection function, air hose into the corresponding interface of the machine, tighten the air hose to avoid air leakage, short press  power button to turn on the machine, connect the air hose to the tire, the display shows the current tire pressure data.
5. Car emergency start function can easily start the car when the car battery loses power.
6. Use of valve connector accessories:
 -  Long plastic valve connector: suitable for balloon, swimming ring, inflatable boat, air cushion air pillow, yoga ball and so on.
 -  Short plastic valve connector: suitable for balloon, swimming ring, inflatable boat, air cushion air pillow, metaphorical gamma ball, etc.
 -  Metal ball needles: suitable for basketball, soccer, volleyball, etc.
 -  Transferable valve connector: suitable for some road bicycles, mountain bikes, etc.

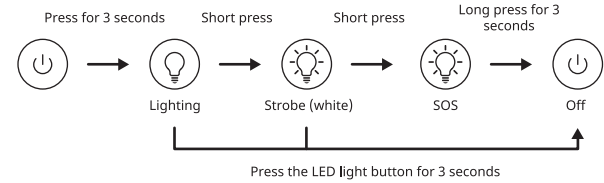
► INSTRUCTIONS FOR USE

• 1. How to charge the jump starter:

Insert the plug of the charging cable into the TYPE-C input port of the jump starter and the other end into the charger (5V/2A). The power icon on the digital screen blinks with a flash light, and "IN" is displayed in the upper left corner. The upper left corner shows "IN" icon is always on, which means charging has begun. When the power display 4 and no longer blinking means full, the power is full 10S after shutdown.

• 2. How to turn on the LED light and SOS light:

Short press the power button to turn on the power, then long press  lighting button to open the LED lighting, and then short press button  can switch the flashlight, SOS, strobe cycle, and long press  lighting button to turn off the LED lighting.



• 3. How to charge your phones, PSP, MP3/MP4, tablet PC and other electronics:

Short press the power button to turn on the jump starter. Then insert the USB charging cable into the USB1, USB2 output port. You can charge your cell phone, PSP, MP3, MP4, tablet PC and other electronics. The display shows the remaining power. USB2 supports QC3.0 18W fast charging output.

• 4.How to shut down the device:

Connect the air pump hose without air pressure or no output from the machine, the machine sleeps and shuts down after 20 seconds, no need to manually shut down the machine.

• 5.Instructions for operating the car inflatable function:

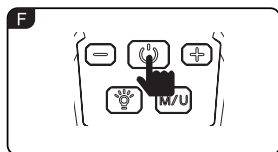
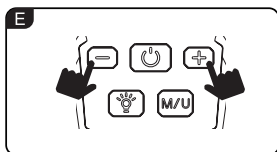
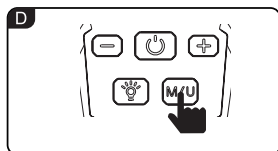
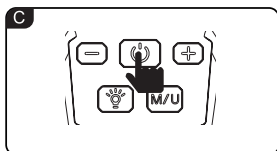
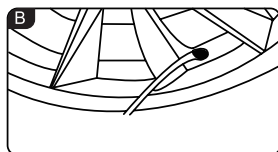
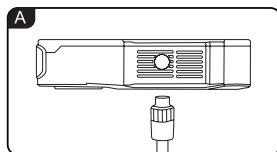
Please make sure the battery is more than 3 cells before inflating.

- A. Connect the air hose to the corresponding interface of the machine and tighten the air pump hose to avoid air leakage.
- B. Connect the air pump nozzle to the tire.
- C. Short press the power button () to turn on the machine.
- D. Short press button () to switch to the corresponding inflatable mode, support "", "", "", "", " (A) " 5 modes switching, after setting the parameters, the data will be saved automatically, and the power on will remember the last setting data.
- E. After selecting the mode, press "+" key and "-" key to adjust the preset air pressure value, the air pressure value flashes during the adjustment process. Short press "+" key, "-" key to 1PSI/10KPA/0.1BAR incremental increase/decrease, long press the "+" or "-" Press and hold the "+" or "-" key for 2 seconds to switch to fast incremental or decremental.

F.After selecting the mode or setting the air pressure value, long press the power button, if the pressure is greater than the set value, it will not inflate,

when the air pressure value reaches the preset value when inflating, it will stop inflating, if it will stop inflating if it presses the power button during the inflating process.

G. The display shows the current pressure value, when the completion of the inflatable pull out the air pump hose, no operation about 20S after the machine automatically shut down.



• How to check tire air pressure :

1. Short press the power button to turn on the machine.
2. Connect the air hose connector to the tire air nozzle, pay attention to press to the bottom and press firmly.
3. The pressure shown on the display is the current tire pressure.

• 6. How to start the vehicles:

Before use, please note:

- This product is only suitable for 12V vehicles.
- To maintain the best startup effect, before starting your car, please make sure that the remaining of power is not less than 75% (3cells). Fully charged is suggested.

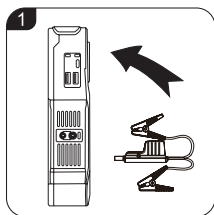
1. Insert the smart clamp plug into the starter output port of the jump starter.
2. And then the positive and negative poles of the smart clamp and the positive and negative car battery docking, red connected to the positive battery (+), black connected to the negative battery(-).
3. Wait for the green light on the smart clamp to light up, then please finish starting the car within 30 seconds.
4. After successful startup, remove the device within 30 seconds and detach the clips from the positive and negative terminals of the battery.
5. Unplug the smart clamp from the device.
6. If it does not start successfully, please disconnect the device from the smart clamp and the positive and negative terminals of the battery wait for 1 minute and then repeat the above steps.

Tip: If 3 attempts fail, please check if there are problems of the vehicle engine or circuit, meanwhile, check the jump starter. If problem, please contact us.

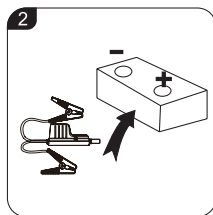
⚠ WARNING

1. DO remove the smart clamp from the vehicle within 30s.
2. DO NOT connect the two clamps. Otherwise, it may be dangerous!
3. DO NOT disassemble the host. Otherwise, it may be dangerous!

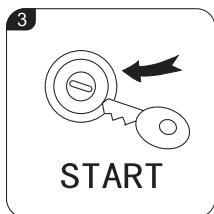
Note: Do not charge the jump starter unit immediately after starting engines, but at least 30 minutes later!



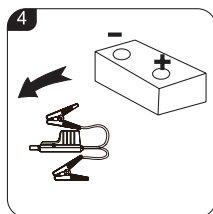
Insert the smart clip plug into the starter output port.



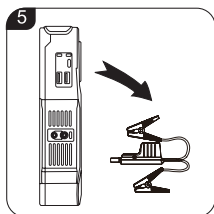
Connect the clip to the positive and negative terminals of the car battery.



Start the car.



Remove the clip from the positive and negative battery terminals.



Unplug the smart clip.

► ABOUT THE FORCE START FUNCTION

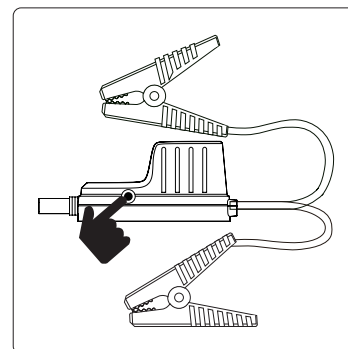
Smart clip connected to the car battery can not be recognized correctly, you can use the smart clip force start function to enter "BOOST" mode.

First, disconnect the device from the positive and negative terminals of the smart clip and the battery, and then re-insert the smart clip plug into the starter output port of the starter power supply.

Press and hold the button on the side of the Smart Clip (show as below).

When the green light on the Smart Clip turns on, please start the car within 30 seconds after it is connected to the positive and negative terminals of the car battery.

⚠ Warning: When using the Force Start Function, auto-detection and safety features will be disabled.



► WARRANTY INFORMATION

1. We offer a limited warranty for this product against any defects in material and workmanship for a period of 12 months since the date of the factory. The conditions of the warranty are as follows.
2. The warranty is only valid upon presentation of the original receipt (from dealer/retailer) by the original purchaser with the product to be repaired or replaced.
3. The warranty is invalid if the serial number, date of purchase and label has been removed.
4. The warranty does not cover damage or product failure resulting from normal wear and tear, physical abuse, improper installation, modification or repairs by unauthorized third parties.
5. We do not assume responsibility for any loss or damage incurred during shipment or as a result of a force majeure.
6. We are not liable for any incidental or consequential damages arising from the use or misuse of the product.
7. All warranty claims are limited to repair or replacement of defective product and at the sole discretion of us.
8. If we repair or replace the product, the product will be covered for the remaining time of the original warranty period. Repair or replacement may involve the use of reconditioned units which are equivalent in function. Replaced part or product becomes the property of us.
9. Accessories are not covered by the warranty.

► CUSTOMER SUPPORT

1. If you meet any questions or problems, please feel free to contact us by Email or Facebook anytime, we will try our best to help you as soon as possible.
2. Contact us by email, or scan the QR code on the right side contact us directly:



support.us@utrai.com



support.uk@utrai.com

Find News, Deals, and Events on our official website and social medias.

You can also download Electronic User Manual on our official website.

Watch product Unboxing Videos by influencers and How-to Videos on our Youtube channel.



Official Website
<http://www.utrai.com>



Facebook
@utraicompany



Youtube
UTRAI Company

Federal Communication Commission Interference Statement

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Declaration of Conformity

We (EU based importer is responsible for this declaration)

SUCCESS COURIER SL
(Company name)

CALLE RIO TORMES NUM.1, PLANTA 1, DERECHA, OFICINA 3, Fuenlabrada, Madrid,
28947 Spain
(Company address)

declare under our sole responsibility that the product
Trade name: Utrai
Equipment: Jump Starter
Model No. : JS-20

to which this declaration relates is in conformity with the essential requirement set out in the Council Directive on the Approximation of the laws of the Member States relating to LVD Directive(2014/35/EU) & EMC Directive(2014/30/EU) & RoHS(2011/65/EU) product is responsible to affix CE marking, the following standards were applied:

EN IEC 62368-1:2020+A11:2020
EN 55032:2015 AMD.1:2020+A11:2020
EN 55035:2017AMD.1:2020
EN IEC 61000-3-2:2019/A1:2021
EN 61000-3-3:2013AMD.1:2019+ AMD.2:2021
IEC62321-3-1:2013
IEC62321-4:2013
IEC62321-5:2013
IEC62321-6:2015
IEC62321-7-1:2015
IEC62321-7-2:2017
IEC62321-8:2017

Full Name: George.wang

Position: Approbation Manager

Signature: George.wang

Place/Date: Shenzhen, China/Jun.05-2024



ÜTRAI

Ver 1.2