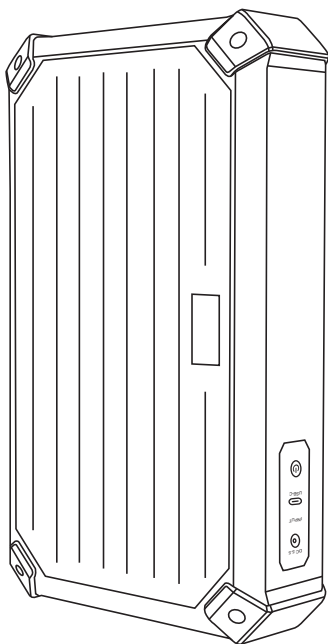


# ELEKER®

## User Manual



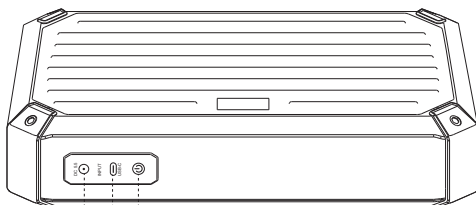
## Super Capacitor Jump Starter

Please read this user manual carefully before using the product

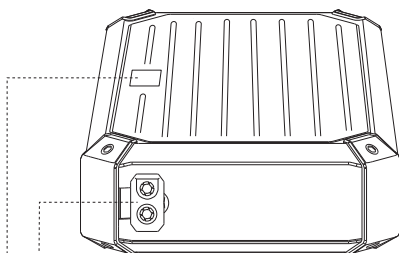
# 1. Product Introduction

This product is a non-battery super capacitor car jump starter, which can provide emergency ignition for cars that cannot be started due to long-term parking, battery aging and power loss, insufficient power, etc. No need to wait for rescue, it can be charged and used immediately. It supports 12V gasoline/diesel cars, motorcycles, motorboats, agricultural machinery and equipment, etc.

## • Appearance Introduction

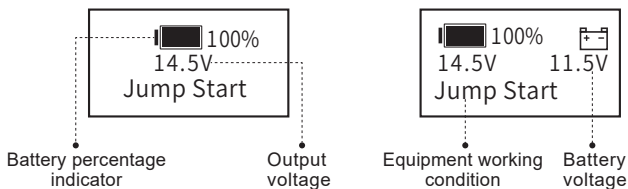


- Power switch (Check battery level & manual start mode)
- USB-C input port (PD 100W max fast charging)
- 5521 DC input port (8-16V/10A, 100W max)

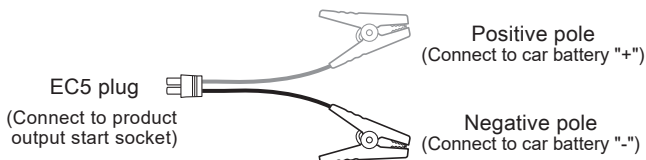


- EC5 output start socket (14.5V/1000A)
- Battery clip reverse charging (5-18V/10A, 100W max)
- LCD display

## • LCD Display Introduction



## • Car Battery Clip Introduction



## 2. Parameter Specifications

### Basic Parameters

|                           |                              |
|---------------------------|------------------------------|
| Product name              | Super Capacitor Jump Starter |
| Product model             | CE315S                       |
| Super capacitor           | 2.7V/500F                    |
| Net weight (Main product) | 0.83kg                       |
| Dimensions (Main product) | 19.8x11.9x4.4 (cm)           |
| Approval standards        | CE、FCC                       |

### Charging Time

|                     |                  |
|---------------------|------------------|
| Charging power 100W | About 3 minutes  |
| Charging power 60W  | About 5 minutes  |
| Charging power 10W  | About 25 minutes |

### Input Specifications

|                  |                                  |
|------------------|----------------------------------|
| USB-C port       | 5~20V $\equiv$ 5A Max, 100W Max. |
| 5521 DC port     | 8~16V $\equiv$ 10A, 100W Max.    |
| Car battery clip | 5~18V $\equiv$ 10A, 100W Max.    |

### Output Specifications

|                          |                  |
|--------------------------|------------------|
| Voltage/starting current | 14.5V/1000A Max. |
|--------------------------|------------------|

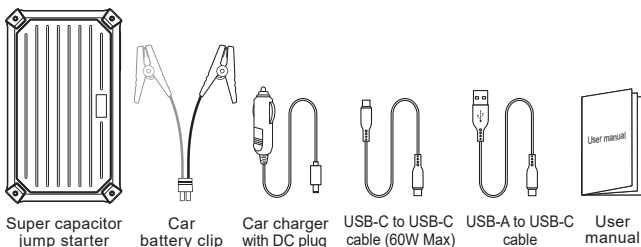
### Operating Temperature

|                     |               |
|---------------------|---------------|
| Working temperature | -40°C ~ +70°C |
|---------------------|---------------|

### Security Protection

|                     |   |
|---------------------|---|
| Types of protection | Overcharge protection, overcurrent protection<br>overvoltage protection, low voltage protection<br>reverse polarity protection, short circuit protection. |
|---------------------|---|

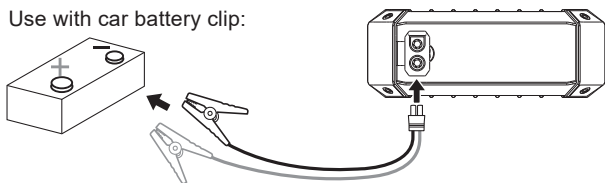
## 3. Package Content



## 4. Charging the car jump starter

### • Reverse charging via car battery

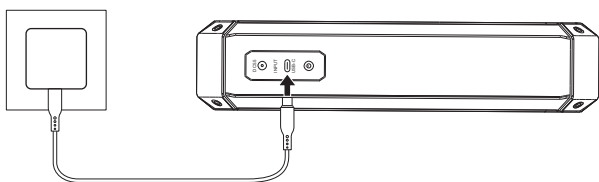
Use with car battery clip:



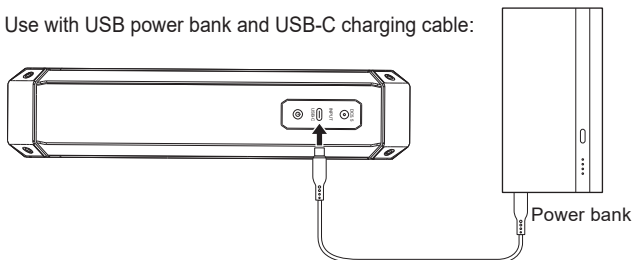
Note: The battery voltage must be higher than 5V.

### • Charging via USB-C input port

Use with USB charger and USB-C charging cable:

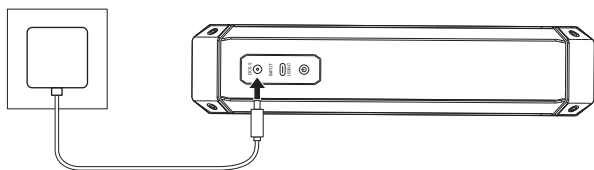


Use with USB power bank and USB-C charging cable:



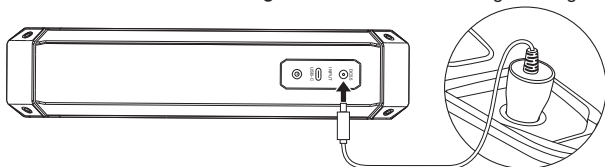
### • Charging via 5521 DC input port

Use with 5521 DC power adapter (9V or 12V):



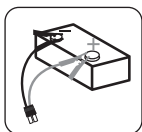
Use with 5521 DC car charger:

Car cigarette lighter

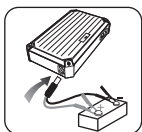


# 5. Product Instructions

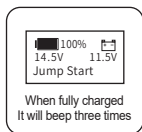
## • Auto start mode (Battery voltage higher than 9V)



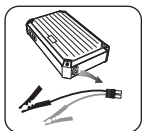
1 Connect the red clip to the car battery "+" and the black clip to the car battery "-".



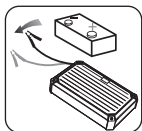
2 Connect the clip to jump starter and use the remaining battery power to reverse charge.



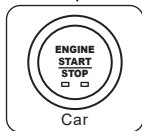
3 When fully charged, LCD shows 100% and a warning sound is emitted.



6 Remove the EC5 plug from the jump starter.



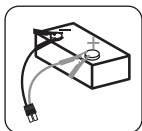
5 Remove the clip from the car battery.



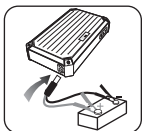
4 Start the car engine, automatic discharge assists ignition.

\*Tip: When the remaining power of the jump starter is higher than 90%, there is no need to fully charge it, you can start the ignition directly.

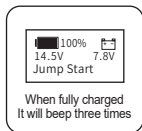
## • Manual start mode (Battery voltage is lower than 9V and higher than 5V)



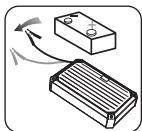
1 Connect the red clip to the car battery "+" and the black clip to the car battery "-".



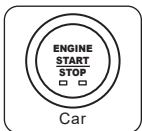
2 Connect the clip to jump starter and use the remaining battery power to reverse charge.



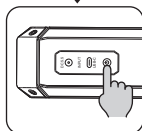
3 When fully charged, LCD shows 100% and a warning sound is emitted.



6 Remove the clip from the car battery.

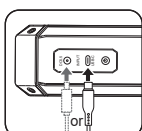


5 Start the car engine within 30 seconds of countdown.

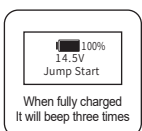


4 Press and hold "power switch" for 2 seconds, then start engine after a 10-second countdown.

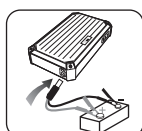
## • Manual start mode (Battery voltage is lower than 5V)



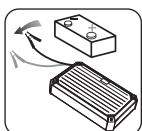
1 Charge the jump starter via DC or USB-C port.



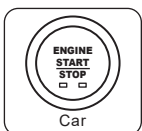
2 When fully charged, LCD shows 100% and a warning sound is emitted.



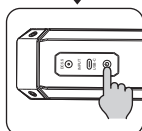
3 Connect the battery clip to the car battery and the jump starter.



6 Remove the clip from the car battery.



5 Start the car engine within 30 seconds of countdown.



4 Press and hold "power switch" for 2 seconds, then start engine after a 10-second countdown.

\*Tips: 1. In manual start mode, the remaining power of the jump starter must be higher than 90%;  
2. If the car battery is too low in power or severely aged, or the voltage is extremely low, a large-displacement car may not be able to start; you can repeat the operation and try to start the ignition multiple times.

## 6. After-sales Service

### Warranty instructions

- This product is warranted for 12 months from the day of purchase with non-human factors. When it has a functional failure, we will provide free reparation service after our after-sale service department test it.

### Non-warranty Instructions

- Unauthorized repair, misuse, collision, negligence, abuse, liquid invasion, modification, disassembly and other artificial damages.
- Tear up or alter labels, machine serial numbers and anti-counterfeiting marks, etc.
- Damages caused by force majeure.
- The product has exceeded the warranty period.

## 7. Cautions

- Do not disassemble, puncture, shock, impact the product, or perform irregular operations on exposed ports.
- Do not dismount, disassemble or modify this product on your own.
- Do not put the product near the fire or into the fire and water, keep the product dry.
- Do not expose the product to any liquid. Do not use the product in rain or wet environment.
- Please avoid product impact, drop and violent vibration.
- Do not let children touch or play with this product, so as to avoid unnecessary accidents.

Manufacturer: Shenzhen ELEKER Electronics Co., Ltd

Address: Building 169-2, Xinmu Road, Pinghu Street,  
Longgang District, Shenzhen CN.

Tel: (86-755) 83760912

e-mail: [cs@eleker.com](mailto:cs@eleker.com)

Website: <http://www.eleker.com>



\* In the case of compliance with laws and regulations, our company has the final right to interpret this document and all related documents of this product. Any update, revision or termination is subject to no further notice.