

# cadillock POWER K2000 – 12V

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## USER MANUAL

- DE *Benutzerhandbuch*
- EN *User Manual*
- FR *Manuel d'utilisation*
- IT *Manuale utente*



[www.cadillock.com](http://www.cadillock.com)

Cadillock Power K2000 is a product of AROFLY EUROPE UG (limited liability)

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User Manual Cadillock Power K2000 - Version 1.3

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## Multifunction jump starter CADILLOCK POWER K2000 – 12 volts

EN

Dear customer,

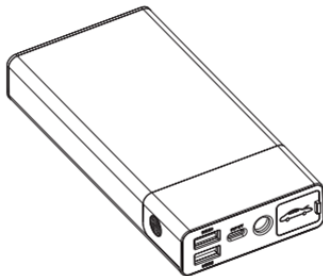
Thank you for choosing the Multi-Function Mini Car Jump Starter.

Please read this manual carefully before using the CADILLOCK POWER K2000 and follow the instructions when you operate the CADILLOCK POWER K2000.

Please keep it handy for easy reference when using the CADILLOCK POWER K2000.

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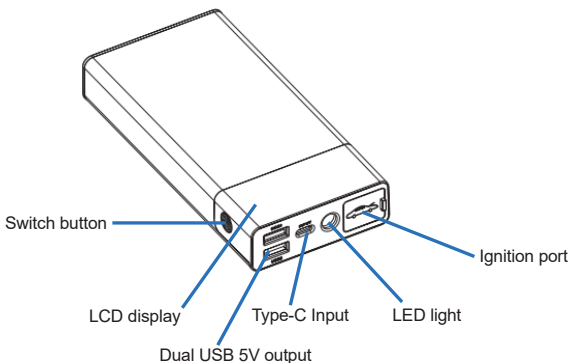


The car emergency jump starter for 12 Volt vehicles has three functions:

1. To start a car which has a weak 12-volt Battery.
2. Can be used as a power bank to charge, mobile phones, laptops, cameras etc.
3. Can be used as an emergency flashlight.

When the CADILLOCK POWER K2000 is used as a jump starter, please turn off all power supply in the car before jump starting the car, to prevent accidents. Also make sure that the car has no other problems before jump starting the car.

#### A. Product layout:



## B. Scope of delivery:

- K2000
- 2 jump start cables
- 3-in-1 universal charging cable for lightning, TYPE-C and Micro-USB devices
- USB-AC charging device
- Type C cable
- Instructions in German, English, French and Italian
- lockable storage bag

## C. Specifications

Battery type	Lithium polymer
Capacity	10.000 mAh/ 34,04 Wh
Starting current:	400A
Peak current:	800A
Suitable for gasoline/diesel	Up to 6.000 cm <sup>3</sup> / up to 4.000 cm <sup>3</sup>
Weight	400g
Size	15,4 cm x 2,5 cm x 7,5 cm (L/W/H)
IP	See description
Input:	Type C 5 V / 2 A
Output 1	USB 5 V / 1 A
Output 2	USB 5 V / 2,1 A
Dc output	12 V
Recharging time (0% to 100%)	Ca. 3-4 hours
Operating temperature:	-20 °C - +60 °C
Storage temperature	0 °C - +40 °C
Colour	Blue
Service life	≥ 500 times
IP	IP 65 stands for dustproof and thus protection against dust as well as protection against water jets. We have oriented ourselves to IP 65 for the housing. However, because of the two open USB ports, a quick-start system with a PD power bank cannot be IP certified, as it can never be dustproof and/or waterproof.

## D. Notes on the performance display

Percentage of charging in flash, which is indicating it is charging. When the CADILLOCK POWER K2000 battery is fully charged, the screen will show 100% and stop running.

## E. How to jump start the vehicle

1. Tap the power button for 3 seconds to turn ON. The display will show the power of the CADILLOCK POWER K2000.
2. If the power symbol is less than 75%, please do not jump start a vehicle. Use the CADILLOCK POWER K2000 only after it is fully charged more than 80%.
3. How to use the smart cable to jump start the vehicle:

The smart cable clamps can recognize the vehicle's battery voltage automatically. It is equipped with a beeper and different LED lights to remind the user of the different safety protections, such as, reverse polarity, short circuit, over current, under voltage, reverse charging etc.

### Steps:

- A. Please check that the cables and connectors are correct for the vehicle you are attempting to start.
- B. Insert the blue plug of the smart cable into the ignition port of CADILLOCK POWER K2000 and check the LED indication on the smart convertor box as below:
  - a. ***The small LED is on the bottom right of the Smart Converter Box***
  - b. ***Red /Green LED flash => the CADILLOCK POWER K2000 has enough power to jump start the car.***
  - c. ***Steady Red LED and continues beep sound => The CADILLOCK POWER K2000 needs to be recharged first.***
- C. Once connected with the car battery, the LED will show as below:

#### a. **Correct Connection:**

The smart convertor box will show a steady Green LED; this means that the CADILLOCK POWER K2000 is ready to jump start the car.

#### b. **Wrong connection :**

The smart convertor box will show a steady Red with several beep sounds.

**Never start the vehicle when the light is a steady red with beep sounds, this is a warning that the connection is not correct or the protective function is activated.**

- D. After Jump Starting the car, the smart convertor box will disconnect the power in 3 seconds, and the LED will show a steady Red with beep sounds to remind the customer to remove the CADILLOCK POWER K2000 and the clamps from the car battery

**Please note:**

Once the connection is correct, the smart convertor box will allow the CADILLOCK POWER K2000 to start the car, but if it detects NO attempt to jump start in 30 seconds, the smart convertor box will disconnect automatically for safety. To reset, please remove the blue plug from the CADILLOCK POWER K2000 and reconnect again.



**F. How to use the LED light**

1. Press the power switch on the CADILLOCK POWER K2000 for 2 seconds to activate the device, then click the button twice in quick succession to turn on the flashlight. After turning on the flashlight, click the button once to enter to the different light functions, such as, illumination, warning light, SOS help signal. To turn OFF the flashlight, please click again the button twice in quick succession.
2. The CADILLOCK POWER K2000 will automatically shut off after 20 seconds if it detects no activity.

**G. FAQ**

Q: How do I turn off the CADILLOCK POWER K2000 power?

A: The product is designed with an intelligent detection system. Once there is no load on the CADILLOCK POWER K2000, or when the electronic products are charged completely, the CADILLOCK POWER K2000 will automatically turn off after 30 seconds to avoid power loss.

Q: How long does it take to charge the CADILLOCK POWER K2000?

A: About 3~4 hours, from zero to full.

Q: How many times can I start a 12-volt car when the CADILLOCK POWER K200 is fully charged?

A: Depends on the different size of engine, for example, a 3.0L gasoline vehicle, can be started for about 20 times.

Q: How long can the CADILLOCK POWER K2000 be stored at room temperature after the device is fully charged?

A: If you do not need to use this product for a long period of time, it can be stored for 3-6 months at room temperature. For better efficiency, we recommend checking the CADILLOCK POWER K2000 every 4-5 months and if required charge to full capacity.

## H. Toxic and harmful substances

The name and content of toxic or hazardous substances or elements in the CADILLOCK POWER K2000					
Pb	Hg	Cd	Cr(Vi)	PBB	PBDE
0	0	0	0	0	0
0: Indicates that the content of this hazardous substance in all homogeneous materials of this part is below the limit requirement specified in the 2011/65/EU (RoHs) standard.					

## I. Warning

1. Please check the CADILLOCK POWER K2000 power before starting the car.
2. When the power is 75% or less, please do not jump start the car to avoid an accident. However, you can still use it as a charging device to recharge other electronic devices such as mobile phones, cameras, etc.
3. Please make sure that the voltage of the vehicles is 12 volts to avoid hazards or damage to the vehicle, which is the sole responsibility of the user and not the manufacturer.
4. If you find the battery to be swollen, please do not jump start the car, to prevent an accident.
5. Connect the red clamp to the positive (+) terminal of the vehicle battery and the black clamp to the negative (-) terminal of the vehicle battery. To avoid accidents, do not interchange the connections.
6. Very Important: Before jumpstarting, ensure that the battery posts are clean, the battery clamps and post must be in full contact and correctly clamped. The contact must be tight for efficient starting and to avoid accidents.
7. PLEASE NOTE: When the car cannot be started twice in a row for 45 seconds (the longer the break, the better), do not continue ignition, to avoid damage to the CADILLOCK POWER K2000 and to avoid an accident.
8. Continuous ignition will seriously damage the battery, resulting in battery bulging.



9. If the car does not start after the first ignition, wait for 45 seconds for the next ignition. The manufacturer will not be responsible for any neglect on the user's part to follow this requirement, which may damage the CADILLOCK POWER K2000 or the vehicle.
10. If the car cannot start, check if the battery clamp is connected correctly and tight. Check that the battery posts are not oxidized or rusted, and free from dirt. If after several attempts you are still not able to start the car, check if the vehicle has other defects preventing it from starting. Do not force the CADILLOCK POWER K2000 to start again, to avoid damage.
11. Do not load the CADILLOCK POWER K2000 immediately after the jump start procedure. Wait at least 30 minutes. Wait until the battery is stable and then charge it.
12. Please remove the product within 15 seconds after the car starts, to avoid damage or an accident.
13. Do not let the positive and negative clamps touch each other to avoid sparking, damage or an accident.
14. Do not disassemble the CADILLOCK POWER K2000 by yourself, to avoid an accident.
15. If you disassemble the CADILLOCK POWER K2000 by yourself, it will void the warranty.
16. Please keep the CADILLOCK POWER K2000 out of the reach of children to avoid an accident.
17. DO NOT store the product under high temperature conditions over 40 °C. The manufacturer is not liable for accidents caused by the customer's failure to observe the safety precautions.
18. Ensure a temperature range between 0 °C and 40 °C during charging.
19. Store the CADILLOCK POWER K2000 indoors in winter (especially at temperatures below 0 °C). Otherwise, place the CADILLOCK POWER K2000 in a warm place before the jump-start procedure.
20. Compliance with the safety requirements as specified in this manual shall be the sole responsibility of the customer/user and will be held liable for any and all negligence.

## J. Storage instructions

### A. Indoor storage:

1. Be sure to keep the CADILLOCK POWER K2000 out of the reach of children to prevent accidents.
2. Keep the CADILLOCK POWER K2000 away from fire, do not leave the product on an object with a surface temperature exceeding 40 °C to prevent serious damage to the CADILLOCK POWER K2000.

- Please store the CADILLOCK POWER K2000 in a non-corrosive atmosphere to prevent damage to the components and cause serious accidents.
- Please store the CADILLOCK POWER K2000 in an environment with a temperature between 15 ° C and 35 ° C to keep it in good condition.

### B. Storage in the car

- When the inside temperature of the vehicles is below -20 °C or more than 40 °C, please move the CADILLOCK POWER K2000 to an indoor storage, to prevent serious damage that may even cause burning.
- Place the CADILLOCK POWER K2000 in a suitable and safe position in the vehicle to avoid severe bumps or impact to the CADILLOCK POWER K2000, resulting in serious damage to the product, which may even cause burning.



Applied Standard: GB/T 18287-2000



Intelligent jumper cables with 8 safety functions: reverse polarity protection, Over Voltage Protection, Short Circuit Protection, Over Temperature Protection, Low voltage protection, reverse charge protection, over current protection and Protection against over-discharge ensure the safety of the user, the vehicle and the jump starter.

### K. Guarantee

The Cadillac K2000 is guaranteed for 24 months from the date of purchase for the first-time buyers in the event of defects and malfunctions. However, the guarantee extends not for malfunctions due to damage caused by an accident, due to an improper use or damage caused by non-compliance the installation and operating instructions. By opening the Cadillac K2000 will void the warranty.

In the event of a warranty claim, please send the Cadillac K2000 a copy of the purchase receipt, the indication of the reason for the complaint or a description of the error to your dealer back.

## L. Intended Use and Safety Instructions

Cadillock Power K 2000 is a quick start system for starting 12-volt vehicles. Any use other than that described above will damage it. This is also associated with dangers such as short circuit, fire, electric shock etc. connected.

The product must not be modified, and the housing must not be opened. It contains neither replaceable parts nor parts that are serviced. Editing or opening the K2000 will void the warranty as a result.

## M. Declaration of Conformity

### KONFORMITÄTSERKLÄRUNG DECLARATION OF CONFORMITY

AROFLY EUROPE UG  
(haftungsbeschränkt)  
Am Alten Bahnhof 4  
D-77694 Kehl

Erklärt in alleiniger Verantwortung, dass das Produkt  
*Declares on our own responsibility, that the product*

Artikel-Nr. <i>Item number</i>	Bezeichnung <i>Description</i>
K2000	Cadillock Power K2000 – 12V

konform ist mit folgenden Richtlinien, Normen und/oder Verordnungen.  
*is in conformity with following directives, norms and/or regulations.*

**R&TTE Richtlinie 1999/5/EC / R&TTE directive 1999/5/EC**  
ETSI EN 300 220-2 V2.1.2  
ETSI EN 301 489-1 V1.6.1 2005-09  
ETSI EN 301 489-3 V1.4.1 2002-08  
55022 : 2006  
EN 61000-4-2:1995 / A1: 1998 / A2: 2001  
EN 61000-4-3: 2006  
EN 60950-1: 2001+A11:2004

**RoHS Richtlinie 2011/65/EU / RoHS directive 2011/65/EU**

**CE Zeichen auf dem Produkt / CE marking on product**

CE

Kehl, 20. Dezember 2022

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Bevollmächtigter Vertreter des Herstellers  
Authorized representative of manufacturer

## N. Contact Details

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