



说明书材质要求: 105g 有光铜版纸	说明书成品尺寸: 105x143mm
第一: 专色+CMYK油墨要求: 1.K色油墨: 洒联黑墨	第二: 特别注意: 暂无
	 Black (单色印刷)
折叠方式: 风琴折 (20P 以下 用风琴折) / 骑马钉 (20P 以上 用骑马钉) 特殊情况: 16P/20P: 风琴折 + 对折	备注:

特别注意: 此页内容不印刷

风琴折 + 对折 页面顺序

16P 页面顺序

9	10	11	封面
12	13	14	封底

1	2	3	4
5	6	7	8

20P 页面顺序

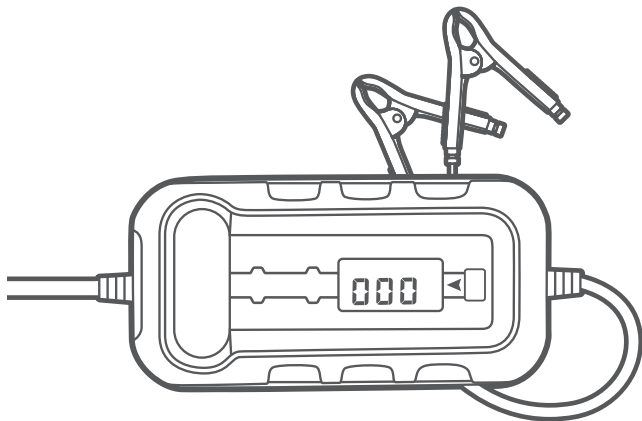
11	12	13	14	封面
15	16	17	18	封底

1	2	3	4	5
6	7	8	9	10

更改记录	1. 品名修改同系统			1. 合并JDBY15041和JDBY1A071 2. 线稿、内容更新, 参考WD		
	0625.J04	2025.6.5	zara	1125.J05	2025.11.11	zara
	版本号	日期	设计师	版本号	日期	设计师

Jadever

INVERTER BATTERY CHARGER



JDBY15041 UJDBY15041 JDBY1A071
UJDBY1A071 JDBY1A151 UJDBY1A151
JDBY15041-4 JDBY1A071-4 JDBY1A151-4

**PRODUCT
MANUAL**

GENERAL SAFETY WARNINGS**Important safety instructions**

1. **SAVE THESE INSTRUCTIONS.** This manual contains important safety and operating instructions. You may need to refer to these instructions at a later date.
2. **⚠ CAUTION!** To reduce risk of injury, charge only wet cell, lead-acid, automotive type rechargeable batteries. Other types of batteries may burst causing personal injury and property damage.
3. Do not expose charger to rain or snow.
4. Use of an attachment not recommended or sold by the battery charger manufacturer may result in a risk of fire, electric shock, or injury to persons.
5. To reduce risk of damage to electric plug and cord, pull by plug rather than cord when disconnecting charger.
6. Make sure cord is located so that it will not be stepped on, tripped over, or otherwise subjected to damage or stress.
7. An extension cord should not be used unless absolutely necessary. Use of improper extension cord could result in a risk of fire and electric shock. If an extension cord must be used, make sure:
 - a) That pins on plug of extension cord are the same number, size, and shape as those of plug on charger;
 - b) That extension cord is properly wired and in good electrical condition; and If the length of the extension cord is less than 25 feet, use an 18AWG cord, If 50 feet – 16AWG, 100 feet -16AWG, 150 feet - 14AWG.
8. Do not operate charger with damaged cord or plug, replace the cord or plug immediately.
9. Do not operate charger if it has received a sharp blow, been dropped, or otherwise damaged in any way; take it to a qualified serviceman.
10. Do not disassemble charger; take it to a qualified serviceman when service or repair is required. Incorrect reassembly may result in a risk of electric shock or fire.
11. To reduce risk of electric shock, unplug charger from outlet before attempting any maintenance or cleaning. Turning off controls will not reduce this risk.
12. **⚠ WARNING - RISK OF EXPLOSIVE GASES**
 - a) **WORKING IN VICINITY OF A LEAD-ACID BATTERY IS DANGEROUS.**

BATTERIES GENERATE EXPLOSIVE GASES DURING NORMAL BATTERY OPERATION. FOR THIS REASON, IT IS OF UTMOST IMPORTANCE THAT EACH TIME BEFORE USING YOUR CHARGER, YOU READ THIS MANUAL AND FOLLOW THE INSTRUCTIONS EXACTLY.

- b) To reduce risk of battery explosion, follow these instructions and those published by battery manufacturer and manufacturer of any equipment you intend to use in vicinity of battery. Review cautionary marking on these products and on engine.

13. Personal precautions

- a) Someone should be within range of your voice or close enough to come to your aid when you work near a lead-acid battery.
- b) Have plenty of fresh water and soap nearby in case battery acid contacts skin, clothing, or eyes.
- c) Wear complete eye protection, and clothing protection. Avoid touching eyes while working near battery.
- d) If battery acid contacts skin or clothing, wash immediately with soap and water. If acid enter eye, immediately flood eye with running cold water for at least 10 minutes and get medical attention immediately.
- e) NEVER smoke or allow a spark or flame in vicinity of battery or engine.
- f) Be extra cautious to reduce risk of dropping a metal tool onto battery. It might spark or short circuit battery or other electrical part that may cause explosion.
- g) Remove personal metal items such as rings, bracelets, necklaces, and watches when working with a lead-acid battery. A lead-acid battery can produce a short circuit current high enough to weld a ring or the like to metal, causing a severe burn.
- h) Use charger for charging a LEAD-ACID battery only. It is not intended to supply power to a low-voltage electrical system other than in a starter motor application. Do not use battery charger for charging dry-cell batteries that are commonly used with home appliances. These batteries may burst and cause injury to persons and damage to property.
- i) NEVER charge a frozen battery.

14. Preparing to charge

- a) If necessary to remove battery from vehicle to charge, always remove the

grounded terminal from battery first. Make sure all accessories in the vehicle are off, so as not to cause an arc.

- b) Be sure area around battery is well ventilated while battery is being charged. Gas can be forcefully blown away by using a piece of cardboard or other non-metallic material as a fan.
- c) Clean battery terminals. Be careful to keep corrosion from coming in contact with eyes.
- d) Add distilled water in each cell until battery acid reaches level specified by battery manufacturer. This helps purge excessive gas from cells. Do not overfill. For a battery without cell caps, carefully follow manufacturer's recharging instructions.
- e) Study all the battery manufacturer's specific precautions such as removing or not removing cell caps while charging and recommended rates of charge.
- f) Determine voltage of battery by referring to car owner's manual and make sure that output voltage selector switch is set at correct voltage.
- g) If charger has adjustable charge rate, charge battery initially at lowest rate.

15. Charger location

- a) Locate charger as far away from battery as dc cables permit.
- b) Never place charger directly above battery being charged; gases from battery will corrode and damage charger.
- c) Never allow battery acid to drip on charger when reading gravity or filling battery.
- d) Do not operate charger in a closed-in area, or restrict ventilation in any way.
- e) Do not set a battery on top of charger.

16. DC connection precautions

- a) Connect and disconnect dc output clips only after setting any charger switches to off position and removing ac cord from electric outlet. Never allow clips to touch each other.
- b) Attach clips to battery posts and twist or rock back and forth several times to make a good connection. This tends to keep the clips from slipping off terminals and helps to reduce risk of sparking.

THE SYMBOLS IN INSTRUCTION MANUAL

EN60335-2-29	The standard of battery charger in Europe.
	Please read the instruction manual carefully before using.
	Transformer in single phase—Rectifier.
	Using indoors only.
IP20	Level of protection.
	The anode and cathode of battery.

ADDITIONAL SAFETY WARNING

The purpose of these safety regulations is to assure the safety operations of the charger machine and prevent the damage of the property and the physical injury. The safety issues have been fully considered during the design and manufacturing of the charger. Thus the user shall read these safety rules carefully before using the charger.

The operation of the charger contains some dangerous factors and the operator shall strictly follow the correct operation procedures. In order to avoid the grievous bodily injuries, the operator shall strictly observe the following rules:

Non-related people shall not get into the site of the charging operations;

The charger shall be installed, operated and maintained by the professional or people with the relevant experience.

The charging operation shall be done by the people who are familiar with the related safety operation technology.

The charger shall not be used for the purpose other than charging.

The input voltage shall be in conformity with the rated voltage described on the name plate;

The charger shall be placed on the plane surface. If it is placed on tilted surface, measures shall be taken to prevent it from falling. In order to prevent the occurrence of fire, the user shall observe the following rules:

The cables for charging shall be fully insulated.

The accumulated dust may cause the deterioration of the insulation performance.

Thus the regular maintenance and repairing of the charger will be necessary.

Danger! In order to prevent the electric shock, the following rules shall be observed:

Touching the electrified body may cause death from electric shock.

Please don't contact the electrified parts.

The charger should be grounded by the technician in accordance with the related requirements before the charger is used.

Turn off and plug out the power for installing or repairing.

Please don't use the cables with insufficient capacity, damaged insulation.

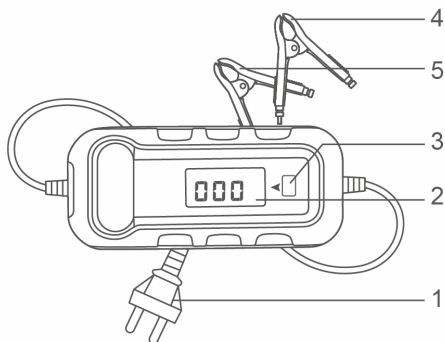
Please don't operate the charger if the casing of the charger is dismantled.

The power must be turn off after the charging operation is finished.

Please don't operate the charger in rain or humidity place.

INTENDED USE

A car battery charger is a device used to recharge the battery of a car when its voltage has dropped below a certain level. The main purpose of a car battery charger is to restore the battery to its full charge so that the car can start and run properly. The battery charger is designed for charging all types of lead-acid batteries.

SPECIFICATIONS

- | | |
|-----------------------------|---------------------------------|
| 1. Input Power Supply Cable | 4. Output negative pole (Black) |
| 2. LCD display | 5. Output positive pole (Red) |
| 3. Choose switch | |

Technical specifications

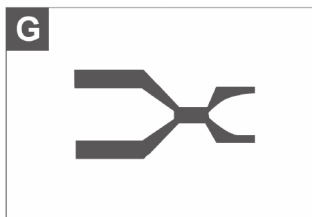
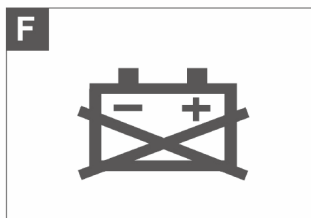
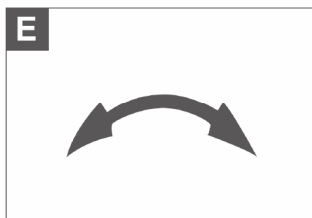
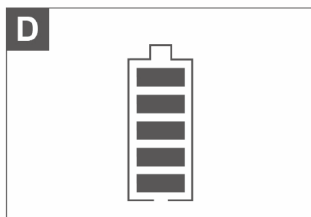
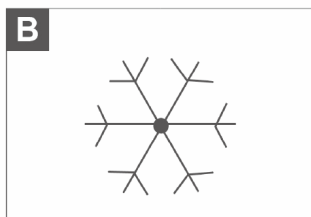
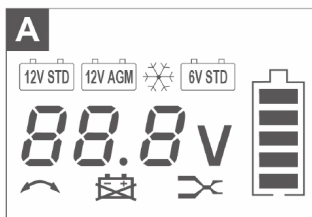
Model No.	JDBY15041 JDBY15041-4	UJDBY15041
Input voltage	220-240V~	110-120V~
Frequency	50/60Hz	50/60Hz
Power	70W	70W
Output current	4A for 12VDC/14Ah ~ 140Ah 2A for 6VDC/14Ah ~ 140Ah	4A for 12VDC/14Ah ~ 140Ah 2A for 6VDC/14Ah ~ 140Ah
Output rated voltage	6VDC/12VDC	6VDC/12VDC

Model No.	JDBY1A071 JDBY1A071-4	UJDBY1A071
Input voltage	220-240V~	110-120V~
Frequency	50/60Hz	50/60Hz
Power	110W	110W
Output current	3.5A for 24V/14Ah ~ 140Ah 7A for 12V/14Ah ~ 200Ah	3.5A for 24V/14Ah ~ 140Ah 7A for 12V/14Ah ~ 200Ah
Output rated voltage	12V/24V	12V/24V

Model No.	JDBY1A151 JDBY1A151-4	UJDBY1A151
Input voltage	220-240V~	110-120V~
Frequency	50/60Hz	50/60Hz
Power	240W	240W
Output current	7.5A for 24V/14Ah ~ 140Ah 15A for 12V/14Ah ~ 220Ah	7.5A for 24V/14Ah ~ 140Ah 15A for 12V/14Ah ~ 220Ah
Output rated voltage	12V/24V	12V/24V

OPERATION PICTURE

6/12V 2/4A



OPERATION**6/12V 2/4A**

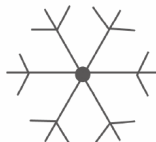
- The LCD display gives you the most important information (see Figure A).
- There are several charging mode. It can be used as charging mode 12V STD for 12V lead acid and batteries, 12V AGM for 12V AGM batteries, as well as 6V STD for 6V lead acid and GEL batteries. Every mode can be changed into winter mode (see Figure B) when you push the mode button another time the snowflake icon appears and the winter mode is on and you can charge batteries in low temperatures.
- The voltage meter (see Figure C) shows the current charging voltage and the battery symbol the current charging status (see Figure D)
- There are three icons for malfunctions.
- Icon left corner shows wrong polarity (see Figure E) please change the connection of the clamps.
- Icon in the middle shows defect (see Figure F) battery, please let the battery be tested by a mechanic and if necessary change the battery.
- Icon right corner shows bad connection (see Figure G) please check the connection between the charger and the battery.

CHARGING

1. Connect the charger to the battery. Connect the Positive pole of battery to Output (+) (red clamp) of the charger. Connect the Negative pole of battery to Output (-) (black clamp) of the charger.
2. Connect the charger to power socket.
3. Push the mode button to choose the charging mode according to your battery needs.
4. The charging will automatically start after a few seconds.
5. When the charging is done the display shows FUL and the charger will switch to maintenance mode.

OPERATION PICTURE

12/24V 7/3.5A

A**B****C**

88.8V

D**E****F****G**

OPERATION**12/24V 7/3.5A**

- The LCD display gives you the most important information (see Figure A).
- There are several charging mode. It can be used as charging mode 12V STD for 12V lead acid and batteries, 12V AGM for 12V AGM batteries, as well as 24V STD for 24V lead acid and GEL batteries. Every mode can be changed into winter mode (see Figure B) when you push the mode button another time the snowflake icon appears and the winter mode is on and you can charge batteries in low temperatures.
- The voltage meter (see Figure C) shows the current charging voltage and the battery symbol the current charging status (see Figure D)
- There are three icons for malfunctions.
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OPERATION PICTURE

12/24V 15/7.5A

A



B

12V
24V

C



D



E



F

88.8 V

G



OPERATION**12/24V 15/7.5A**

- The LCD display gives you the most important information (see Figure A).
- Figure B: 12V/24V
- Figure C: Car1/ Car2
- There are several charging mode. Some modes can be changed into winter mode (see Figure D). When you push the mode button another time the snow flake icon appears and the winter mode is on and you can charge batteries in low temperatures.
- Figure E: Buffer Mode
- The voltage meter (see Figure F) shows the current charging voltage.
- Figure G indicates Battery Box. When the battery is full or the meter displays full symbol, Figure G or Battery Box does not flash. Under 13.6V or 27.2V Buffer Mode, Figure G or Battery Box is not showed. Under other states, Figure G or Battery Box can be shown and flashed.
- There are eleven modes, that is eight charging modes (12V Car1, 12V Car1+ winter mode, 12V Car2, 12V Car2+ winter mode, 24V Car1, 24V Car1+ winter mode, 24V Car2 and 24V Car2+ winter mode), two buffer modes (13.6V buffer mode and 27.2V buffer mode), one initial mode or 0 mode.

CHARGING

1. Connect the charger to the battery. Connect the Positive pole of battery to Output (+) (red clamp) of the charger. Connect the Negative pole of battery to Output (-) (black clamp) of the charger.
2. Connect the charger to power socket.
3. Push the mode button to choose the charging mode according to your battery needs.
4. The charging will automatically start after a few seconds.
5. When the charging is done the display shows FUL and the charger will switch to maintenance mode.

MAINTENANCE&MALFUNCTIONS

Servicing and cleaning the battery and charger

- Make sure that your battery is always fitted securely in the vehicle.
- Check that the battery is properly connected to the vehicle's electric system.
- Keep the battery clean and dry. Apply a little acid-free and acid-resistant grease (Vaseline) to the terminals.
- The level of acid in non-maintenance-free batteries should be checked about every 4 weeks. Top up with distilled water as necessary.
- Keep the charger in a dry room. Remove any signs of corrosion from the charging terminals.



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