

文件名称	GL056WA 说明书		
物料编码		客户编号	426-001
材质	120g 双胶纸黑白印刷	页数	20
装订方式	骑马钉	尺寸	9X14.5cm
表面处理			
环保：		版本	240116版
其他： 带PE袋包装			
<div>此页不印刷</div>			

# ***Duralast***<sup>®</sup>

## **GLO56WA**

**EN - 2000A LITHIUM JUMP STARTER  
WITH WIRELESS CHARGING**

**ES - ARRANCADOR DE BATERÍA DE LITIO  
DE 2000A CON CARGA  
INALÁMBRICO**

**EN - INSTRUCTION MANUAL**

**ES - MANUAL DE INSTRUCCIONES**



**EN - ⚠ Warning:** This product can expose you to chemicals, including Vinyl-Chloride, Styrene and Acrylonitrile, which are known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

**ES - ⚠ Advertencia:** Este producto puede exponerlo a sustancias químicas como el cloruro de vinilo, el estireno y el acrilonitrilo, que son consideradas cancerígenas por el estado de California. Para más información, visite [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

**EN - Please read the instructions carefully before use and keep them for future reference.**

**ES - Lea atentamente las instrucciones antes de usarlo y consérvelas para futuras consultas.**

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# CATÁLOGO

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1. This unit has a sealed lithium-based battery that should be kept at full charge. Recharge when first received, immediately after each use, and every three months
2. Ensure the car battery voltage specification is 12V when you use this product. It may cause severe damage, fire, and explosion when you hook up wrong voltage battery.
3. When starting the car, flip up the rubber cover from engine start port; insert firmly the battery clip for start. Fail to do so may reduce jump starting performance and cause the joint plastic to melt.
4. Do not disassemble the Jump Starter. Have it checked by a qualified service person. Unauthorized dissembling will void the warranty.
5. To prevent arcing, NEVER allow clamps to touch together or to contact the same piece of metal.
6. To reduce risk of fire or burns, do not crush or puncture internal battery, short external contacts, or dispose of in fire or water.
7. Do not operate with flammables such as gasoline, etc.
8. The temperature range for charging is 0 °C and 50 °C (32°F – 122°F).  
Do not charge a Frozen Battery.
9. If the product's liquid splashes into your eyes, do not rub your eyes.  
Rinse immediately with running water continuously and consult a doctor.
10. Do not use a battery pack or appliance that is damaged or modified.  
Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.
11. When charging, do not place the product on flammable materials (bed or blanket). Do not charge it for long period of time unattended.

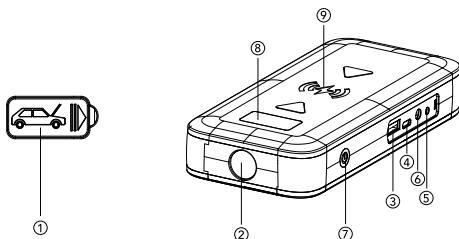
## I. TECHNICAL PARAMETERS

Battery	Lithium 12000 mAh (44.4Wh)
Cranking Amps	400A
Peak Amps	2000A
Input	13V 1A
Output	1) 12V 2.5mm DC Output Port (8A Max) 2) USB A/C 5V (2.4A)
Temp. Range	-10°C ~ +40°C (14°F ~ 104°F)
Storage Temp.	-20°C ~ +60°C (-4°F ~ 140°F)

## II. MAIN FEATURES

- Suitable for 12V car emergency start. Start gasoline engines up to 8.0L, diesel engines up to 4.0L.
- USB Type-A and Type-C 5V 2.4A DC power output interface.
- Multiple modes work light including SOS signal.
- 13V 1A wall charging adaptor. Fully charge (0%~100%) within 4 hours
- Patterned Travel lock function, prevent accidentally touch on main switch.
- Product protection functions: reverse polarity protection, over current protection, short circuit protection, over charge protection, reverse charge protection, over discharge protection, over temperature protection, spark protection.

### III. PRODUCT ILLUSTRATION



- |                                 |                                |
|---------------------------------|--------------------------------|
| 1. Engine Start Connection Port | 6. 12V 8A DC 2.5mm Output Port |
| 2. Work light                   | 7. Power Button                |
| 3. USB-A Output                 | 8. LCD Screen                  |
| 4. USB-C Output                 | 9. Wireless Charging Platform  |
| 5. 13V 1A Input Port            |                                |

### IV. OPERATION INSTRUCTION

#### 4.1 Charge the jump starter

##### Cautions:

1. Charge the unit before use and after use every time.
2. Do not recharge the Jump Starter with a damaged wall charger or power extension cord.
3. Never use a charger other than the one that was included with your unit. Using an incompatible charger could damage the internal battery, which could result in property damage or injury.
4. When charging the internal battery, work in a well-ventilated area and do not restrict ventilation in any way.

**NOTE:** After a completed charge cycle, if the charger is not disconnected, the charging mode will be automatically restored when the battery voltage drops to 12V.

**NOTE:** It is recommended to recharge the Jump Starter every 3-4 months to maintain the efficiency and prolong the service life of the internal battery even if the unit has not been used.

## 4.2 Jump Start a vehicle

**WARNING:** When using this unit to jump start, ensure the positive and negative connections are correct. Fail to do so may cause severe damage, fire and explosion.

1. Insert "Booster Clamp" into the engine start connection port firmly.  
Turn ignition off before making any vehicle connections.
2. Connect the red (+) clamp to positive (+) terminal of the battery.
3. Connect the black (-) clamp to the negative (-) terminal of the battery or vehicle ground.
4. Ensure the clamp connection is fully engaged. Check table 1 whether the connection is correct before proceeding to the next step.
5. Confirm the green led on the booster clamp displays solid green.  
Start the vehicle (Ignite the engine).

**Note 1:** If the engine does not start successfully within 5 seconds, check % battery level. If the battery is over 60%, wait 3 minutes to try again.

**Note 2:** During very cold conditions, the unit may not start on the first attempt. We suggest attempting to start a second or third time, as the starting attempt will warm the internal battery and improve your starting chances.

6. After the engine is successfully started, disconnect the negative (-) battery clamp from the vehicle. Then, disconnect the positive (+) clamp.
7. Disconnect the cable/clamp set from the jump starter (engine start connection port) and properly store them for the next use.

Booster Clamp GLC02

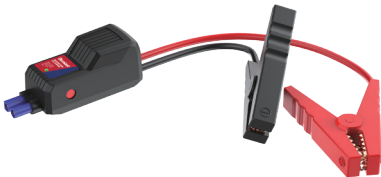


Table 1 Booster Clamp Display Instruction

SN	Green LED	Red LED	Audible Warning	Status
1	Flash	Flash	On	Input over voltage protection
2	Flash	Off	Off	No car battery connected
3	Flash	Off	Off	Reverse charge protection
4	Flash	Off	Off	Time out cut off
5	Off	Flash	On	Wrong connection to high voltage. Slow flash.
6	Off	Flash	On	Reverse polarity connection protection.Fast flash.
7	Off	Flash	On	Short Circuit protection
8	Off	On	On	Over temperature protection
9	Off	On	Off	Low battery protection, recharge the jump starter to jump start
10	On	Off	Off	Correct status for jump start

**OVERRIDE function:** When you connect the positive and negative terminal correctly, but the green LED still flashes, re-check the connection. This may indicate that the vehicle’s battery is too low to be detected by the jump starter (<1.0V). If you check that all connections are correct and that the problem is a totally dead battery, you can override this safety feature by pressing and holding the override button (red button locates on the booster clamp) for over 3 seconds.



The booster clamp will continuously “beep” and the green LED will become solid. Once you successfully override the jump start. Start the vehicle (Ignite the engine).

**WARNING:** The OVERRIDE function will void all protections temporarily, so please make sure the red and black clamps are correctly connected to a 12V battery.

#### 4.3 USB output

1. Connect the USB cable to the USB output port of the device (3;4).
2. Short press the Power Button (7), USB provides 5V 2.4A output to provide charging for mobile phones/tablets and other electronic products.
3. The USB output will be automatically turned off after charging is completed.
4. When the load current exceeds 2.4A, the USB output will be automatically turned off.
5. The charging time will be more than 8 hours, and the USB output will be automatically turned off.

#### 4.4 Work light

1. Press and hold the Power Button (7) over 3 seconds to turn it on.
2. Lighting (2) working mode:  
Turning ON: 100% brightness  
1st short press: 50% brightness  
2nd short press: Slow flash  
3rd short press: Strobe  
4th short press: SOS Signal  
5th short press: Close
3. After continuing to work for more than 5 seconds in any working mode, short press the Power Button (7) will turn off the light directly.

#### 4.5 Travel lock

1. Press and hold the Power Button (7) over 8 seconds to turn on the travel lock mode.
2. In this mode, the device will fall into sleep (lock state): short press the Power Button (7) will not turn on the USB output, work light output or 12V output.

3. To turn off the “travel lock” mode: Press and hold the Power Button (7) again for over 8 seconds to release the device

V. ACCESSORIES

SN	Accessories	Qty
1	Multi-interface Cable (USB-micro;USB-C;Lightning to USB-A)	1
2	Booster Clamp Set	1
3	Wall Charger	1
4	EVA Bag	1
5	Manual	1

VI. Q&A

1. Q. Why didn't my Jump starter start my vehicle?
- A. There could be a number of reasons why the Jump starter did not start your vehicle.
- Check the following:
- 1. Ensure the Jump starter battery is fully charged.
  - 2. Ensure you have followed the correct operating procedure. Refer to Operation Instruction 4.2
  - 3. Ensure the vehicle operates with 12V battery system
  - 4. The vehicle's battery may be below 2.5V, the minimum start voltage for the Jump starter. Try to use override function (under Table 1) to jump start your vehicle
2. Q. Can I leave my Jump starter connected to the car after it has started?
- A. Disconnect the jump starter after you start the engine to prevent extra power draw from the engine and protect the vehicle battery.
3. Q. What is Peak Amps?
- A. Peak amps is the maximum current that the jump starter can deliver based on lab-data
4. Q. What is Cranking Amps?
- A. Cranking Amps is the continuous current that the jump starter can delivery during ignition.