

AMORGE[®]

YOUR POWER, WE GUARD.

AMORGE BATTERY USER'S GUIDE



1.Instruction

Thank you for purchasing AMORGE products. Please read through this User's Guide carefully and completely before using your battery. It will help you to install battery correctly, safety using battery, avoid battery damage and get longer battery life in using.

2.Technical Parameters

Technical parameters please refer to the labels on the battery.

The power of device loads, charge voltage and charge current should not exceed the parameters on the label.

Please note that if the battery is damaged by over-power, over-voltage charging and over-current charging, it is not covered by the warranty.

E.g.: 72V 20AH 120AMP battery

Battery Specifications:

Model: AWJ-7220120

Nominal Voltage: 72V

Nominal Capacity: 20AH/ 1440WH

Max Continuous Discharge: 120AMP

Charge Rating Voltage: 84V

Max Charge Current: 10AMP

Production Date: 2024.09.23

Max output continuous discharge should not exceed 120AMP, max charge voltage should not exceed 84V, max charge current should exceed 10AMP.

3.CAUTIONS

DO NOT short circuit, modify, disassemble, puncture, cut, crush or incinerate, doing so may result in fire, explosion, serious injury, and/or death.

DO NOT attempt to modify this battery in any kind of way.

DO NOT expose battery to liquids or high

temperature; never Incinerate/ submerge, place in fire/water.

Working temperature -20~60°C(68°F~140°F), other temperatures may result in permanent cell damage causing reduced capacity, poor performance, injury and/or death.

ALWAYS Charge only with a smart charger designed for this specific type/voltage of lithium-Ion battery.

Do NOT use if damaged in anyway.

LITHIUM CONTENT INSIDE

Always be handled with care to prevent serious injury and/or death.

4.Important Tips

The consistency difference of the cells can't be 100% same. When cells assemble to a battery pack, their consistency difference will enlarge, the power may transfer from one cell group to another cell group. Due to the internal resistance of the cell and the welded

part, the power will be lost in the transferring processing, result in the voltage dropping. If long time no use and charge, the battery voltage may drop low to the the protecting line, the battery may be in protecting status can't be use and even die.



Please full charge the battery one time every month if not use.

5. Battery Installation

- 1. Before installing the battery, please check if the battery is in good shape, no damage.**
- 2. Check if the battery can charge normally.**
- 3. Positive and negative**

If not specially marked, the red wire for positive and black wire for negative.

If you are not sure about the positive pole and negative pole, please use a voltage-meter to measure before installing.

- 4. If need to use the extend cable. The extend cable should first connect correctly to the**

devices, then pair the connector.

5. The connector should plug to tight, whatever charge or discharge. The loose connections can result in connector melt down or fire.

6. The battery should fixed on flat strong place on the device, hanging or loose fixed are forbidden. Avoid damage from battery dropping or hitting the device. Seriously may result in fire or even injury.

6.To Charge the Battery

1. Please charge the battery in a cool dry opened place, keep away from inflammable items.

2. Not recommend to charge the battery if nobody at home. Always pay attention when charging.

3. Make sure the poles of battery and charger are matched. The ordered battery and charger are matched, they are tested. You can connect to charge directly. If you are using your own

charger, be sure the voltage, current and positive/ negative poles are matched.

4. Make sure the connection is tight.


5. Remove the charger after full charged.

6.  Full charge the battery one time a month if not use.

7.Storage

Storage temperature: -20~60°C(68°F~140°F)

Please storage in cool dry opened place, far away from inflammable items.

If the battery was installed to the Electric Vehicle or device, because of the device circuit, the voltage will drops faster than no installing. **If no use, no need to take battery off from the device, but still need to  full charge the battery one time every month, to avoid battery going into the protecting status or dead. This is very important.**

8. Warranty Policy

1. Introduction

This warranty policy outlines the terms and conditions under AMORGE guarantees the performance and quality of its battery packs. This policy applies to all batteries purchased from AMORGE and is valid only for the original purchaser.

2. Warranty Coverage

AMORGE warrants that the batteries free from defects in materials and workmanship under normal use and service for a period of ONE YEAR from the date of receiving the battery.

This warranty covers:

- Manufacturing defects.**
- Failure to meet specified capacity or performance standards under normal operating conditions.**

3. Warranty Exclusions

This warranty does not cover:

- **Damage caused by misuse, abuse, neglect, or improper handling.**
- **Damage resulting from unauthorized repairs, modifications, or alterations.**
- **Normal wear and tear, including capacity degradation over time.**
- **Damage caused by exposure to extreme temperatures, moisture, or corrosive environments.**
- **Use of the battery pack with incompatible devices or chargers.**
- **Damage caused by accidents, drops, or impacts.**
- **Damage caused by unauthorized modification of BMS parameters.**
- **Damage caused by over-power using, over-voltage or over-current charging.**

4. Warranty Claims

To make a warranty claim, the purchaser must:

- **Provide proof of purchase (e.g., receipt, payment slip, invoice).**

- Contact AMORGE customer service within the warranty period.

- Follow the AMORGE's instructions to provide information of the defective battery pack (including description, photos, videos, SystemLog information).

AMORGE reserves the right to inspect the battery pack to determine if the defect is covered under this warranty.

5. Remedies

If the battery pack is found to be defective and covered under this warranty, AMORGE will at its sole discretion:

- Help to repair the battery pack.

- Replace the battery pack with a new battery

- Refund the purchase price (pro-rated based on usage and remaining warranty period).

6. Limitations of Liability

This warranty is the purchaser's exclusive remedy and replaces all other warranties,

whether express or implied, including but not limited to warranties of merchantability or fitness for a particular purpose. AMORGE shall not be liable for any incidental, consequential, or indirect damages arising from the use or inability to use the battery pack.

7. Warranty Transferability

This warranty is non-transferable and applies only to the original purchaser.

(If the battery is second hand, please ask your seller to contact AMORGE for warranty)

8. Contact Information

For warranty claims or inquiries, please contact your seller or the following info:

SHENZHEN AWJ TECHNOLOGY CO., LTD

Email: info@amorge.com

Website: www.amorge.com

THANK YOU FOR PURCHASING AMORGE PRODUCTS.

SHOULD YOU HAVE ANY QUESTION ON AMORGE BATTERIES. WELCOME TO CONTACT AMORGE TEAM.



**MORE INFORMATION PLEASE GO TO
WWW.AMORGE.COM**

