

STANLEY J509

STANLEY J509 Portable Power Station Jump Starter User Manual

Model: J509 | Brand: STANLEY

Sections:

[What's in the](#)

[Overview](#) [Box](#)

[Setup](#) [Operating Instructions](#) [Maintenance](#) [Troubleshooting](#)

[Specifications](#) [Warranty & Support](#) [Safety Information](#)

1. PRODUCT OVERVIEW

The STANLEY J509 Portable Power Station Jump Starter is a versatile device designed to provide reliable jump-starting power for various vehicles, including cars, trucks, SUVs, motorcycles, boats, RVs, ATVs, and tractors. It also features integrated power outlets for charging electronic devices and a high-powered LED light for convenience in low-light conditions.



Figure 1: Front view of the STANLEY J509 Portable Power Station Jump Starter, showcasing its main features and compact design.

Key features include 1000 peak amps for robust jump-starting, a reverse polarity alarm for safe connections, a 270-degree rotating LED light, and built-in 12V DC and USB ports for portable power. The unit is designed for ease of use and portability, making it an essential tool for roadside emergencies and outdoor activities.

2. WHAT'S IN THE BOX

Upon unboxing your STANLEY J509 Portable Power Station Jump Starter, please ensure all components are present and in good condition:

- STANLEY J509 Portable Power Station Jump Starter Unit
- Heavy-duty metal powder-coated clamps (integrated)
- Integrated AC charging cube (requires standard household extension cord, not included)



Figure 2: The STANLEY J509 unit with its integrated heavy-duty clamps, as typically found in the product packaging.

3. SETUP AND INITIAL CHARGING

Before first use, it is crucial to fully charge your STANLEY J509 unit. For optimal performance, the unit should be charged every 30 days when not in use. Once used, the unit should be charged immediately overnight.

3.1 Initial Charging

1. Locate the integrated AC charging cube on the unit.
2. Connect a standard household extension cord (not included) to the AC charging cube.
3. Plug the other end of the extension cord into a standard 120V AC wall outlet.
4. Allow the unit to charge until the "Full" indicator light illuminates, indicating a complete charge. This may take several hours for the initial charge.



Figure 3: A hand connecting a standard extension cord to the integrated AC charging cube on the back of the STANLEY J509 unit.

3.2 Understanding Battery Status Indicators

The unit features LED battery status indicators to show the current charge level:

- **Red Light:** Low battery. Recharge immediately.
- **Yellow Light:** Medium charge. Consider recharging soon.
- **Green Light:** High charge/Full. Unit is ready for use.

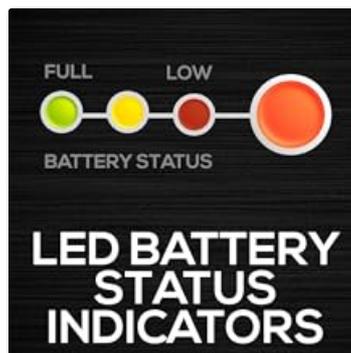


Figure 4: Diagram illustrating the LED battery status indicators (Full, Low) on the control panel of the STANLEY J509.

4. OPERATING INSTRUCTIONS

4.1 Jump Starting a Vehicle

The STANLEY J509 provides 1000 peak amps for jump-starting most 12V vehicles, including those with V8 engines.

1. Ensure the vehicle's ignition is off and all accessories are unplugged.

2. Connect the **black (negative)** clamp to the vehicle's negative battery terminal or a solid, unpainted metal part of the vehicle's chassis away from the battery.
3. Connect the **red (positive)** clamp to the vehicle's positive battery terminal.
4. Turn the Jump Starter Power Switch to the "ON" position. The unit will indicate a proper connection. If an improper connection is detected, the reverse polarity alarm will sound.
5. Attempt to start the vehicle. If the vehicle does not start immediately, wait a few minutes to allow the jump starter to provide a charge to the vehicle's battery, then try again.
6. Once the vehicle starts, immediately disconnect the **red (positive)** clamp, followed by the **black (negative)** clamp.
7. Return the Jump Starter Power Switch to the "OFF" position.



Figure 5: The STANLEY J509 unit with its clamps connected to a vehicle battery, ready for jump-starting.

Your browser does not support the video tag.

Video 1: "Stanley - Charger vs Jump Starter" - This video from the seller demonstrates the difference between a battery charger and a jump starter, highlighting the immediate boost provided by a jump starter like the J509.

Your browser does not support the video tag.

4.2 Using the 12V DC Outlet and USB Port

The J509 unit is equipped with a 12V DC outlet and a USB port to power or charge various electronic devices.

- **12V DC Outlet:** Ideal for powering 12V DC appliances (e.g., portable coolers, small air compressors). Simply plug your device into the 12V DC outlet.
- **USB Port:** Use the USB port to charge smartphones, tablets, and other USB-powered devices. Press the "USB" button to activate the USB power output.



Figure 6: Close-up view of the USB and 12V DC power outlets on the STANLEY J509 unit, showing a device plugged into the 12V DC port.

4.3 Using the LED Light

The integrated high-powered LED light rotates 270 degrees, providing illumination for repairs or tasks in low-light conditions.

- To turn the LED light on or off, press the dedicated light button located near the light itself.
- Adjust the angle of the light by rotating it as needed.

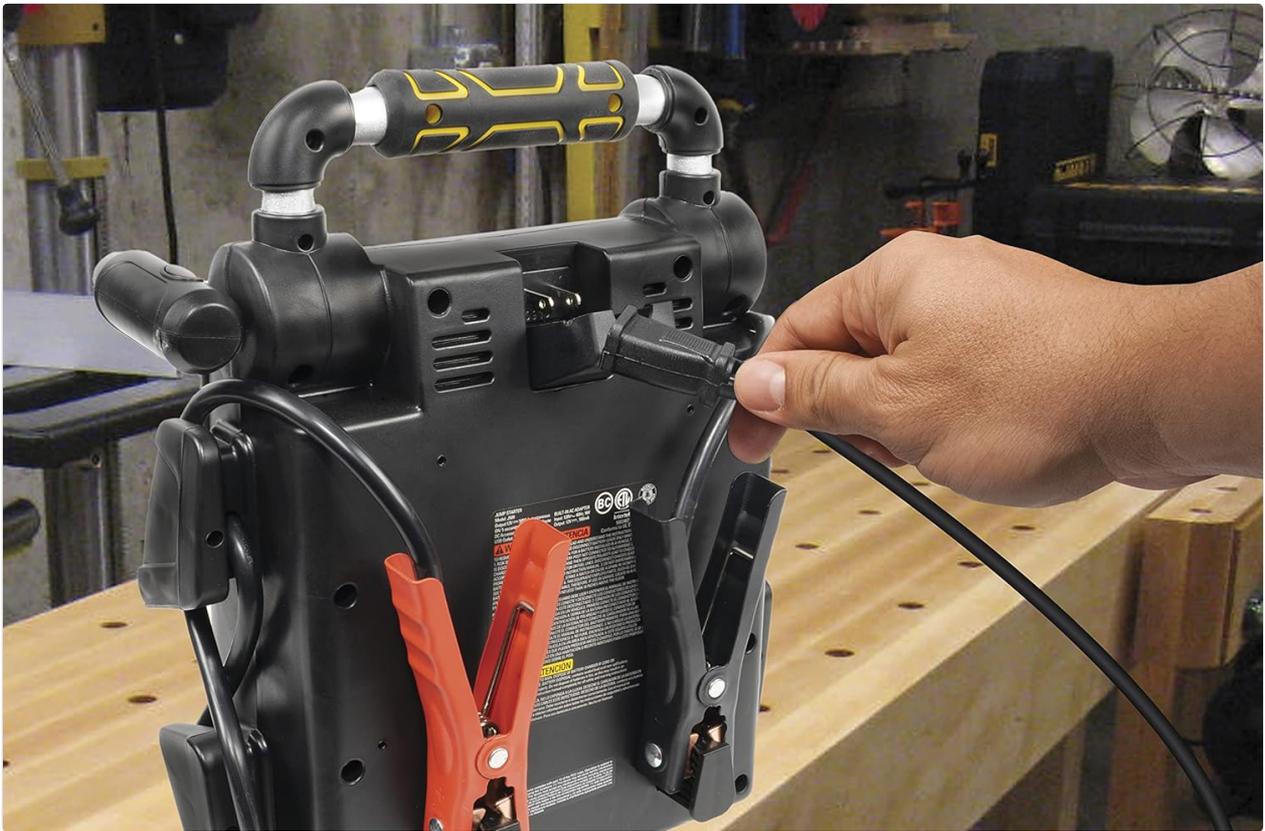


Figure 7: The pivoting LED light on the STANLEY J509, demonstrating its utility for illuminating work areas.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your STANLEY J509 unit.

5.1 Charging Schedule

- **Regular Charging:** When not in use, charge the unit every 30 days to maintain battery health.
- **Post-Use Charging:** After each use, fully recharge the unit immediately, preferably overnight, to ensure it's ready for the next emergency.

5.2 Cleaning and Storage

- Clean the unit with a dry, soft cloth. Do not use abrasive cleaners or solvents.
- Store the unit in a cool, dry place, away from direct sunlight and extreme temperatures.
- Ensure the clamps are properly stored in their designated holders to prevent damage or accidental contact.

WHAT'S IN THE BOX

J509



Clamps

Figure 8: Side view of the STANLEY J509, illustrating the integrated cable and clamp storage for neatness and protection.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your STANLEY J509 unit.

Problem	Possible Cause	Solution
Unit does not turn on or charge.	Battery is completely discharged or charging cable is not properly connected.	Ensure the extension cord is securely connected to the unit and a live AC outlet. Allow a prolonged charge time for deeply discharged batteries.

Problem	Possible Cause	Solution
Vehicle does not jump start.	Improper clamp connection, unit battery is low, or vehicle battery is severely damaged.	Check clamp connections for proper polarity (red to positive, black to negative/chassis). Ensure the unit is fully charged. If the reverse polarity alarm sounds, correct the connection. If the vehicle battery is completely dead, allow the J509 to charge it for a few minutes before attempting to start.
Reverse polarity alarm sounds.	Clamps are connected incorrectly.	Immediately disconnect the clamps and re-connect them with correct polarity: red clamp to positive (+) battery terminal, black clamp to negative (-) battery terminal or vehicle chassis.
USB port or 12V DC outlet not working.	Unit is off, USB button not pressed, or device requires more power than available.	Ensure the unit is powered on. For USB, press the "USB" button. Check if the device is compatible with the unit's power output.

7. PRODUCT SPECIFICATIONS

Feature	Detail
Brand	STANLEY
Model	J509
Peak Amperage	1000 Amps
Product Dimensions	10.8"D x 6.5"W x 13"H
Item Weight	16 ounces (approx. 1 pound)
DC Power Outlet	12V
USB Port	Yes
LED Light	High-powered, 270-degree rotating
Charging Method	Integrated AC charging cube (requires standard household extension cord)
Manufacturer	Baccus Global LLC
Country of Origin	China

8. WARRANTY & SUPPORT

The STANLEY J509 Portable Power Station Jump Starter comes with a limited 1-year manufacturer warranty.

- For warranty claims or technical support, please refer to the contact information provided in your product packaging or visit the official STANLEY website.
- Keep your purchase receipt as proof of purchase for warranty purposes.

Additional resources:

- User Guide (PDF): [Download PDF](#)
- Visit the STANLEY Store: [STANLEY Store on Amazon](#)

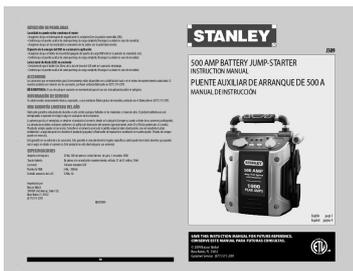
9. SAFETY INFORMATION

WARNING - Cancer and reproductive harm. For more information go to www.P65Warnings.ca.gov.

Always read and understand all safety warnings and instructions before using this product. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

- Do not expose the unit to rain or wet conditions.
- Do not operate the unit if it has been dropped or damaged.
- Ensure proper ventilation during charging and operation.
- Keep out of reach of children.
- Always wear appropriate personal protective equipment, such as safety glasses, when working with batteries.

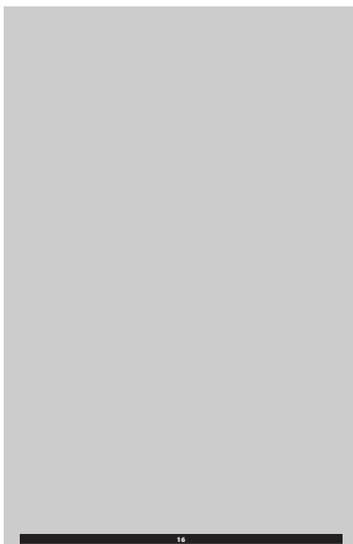
Documents - STANLEY – J509



[\[pdf\]](#) User Manual Owner's Manual

J509 ManualENSP 070909 qxp Owner MANUAL baccusglobal 80 stanley manuals JUMPERS DE TECCIN DE PROBLEMAS La unidad no puede saltar comienzo el motor Asegrese de que el interruptor de ... por Baccus Global 399 NW 2nd Avenue, Suite 150, Boca Raton, FL 33432 877 571-2391 RD070909 16 **J509** 500 AMP BATTERY JUMP-STARTER INSTRUCTION MANUAL PUENTE AUXILIAR DE ARRANQUE DE 500 A MANUAL DE ...

lang:es score:29 filesize: 909.41 K page_count: 8 document date: 2010-12-09



[\[pdf\]](#) User Manual Owner's Manual Accessories Catalog

JUMPiT® 500 AMP BATTERY JUMP STARTER DE 500A MANUAL vehicle s owner manual to confirm that external starting assistance is suitable When working with lead acid batteries always make sure immediate available in case of accident or emergency Always have protective eyewear when using this product contact battery may cause blindness and severe burns Be aware 98070fb6 d16b 45db abfd fa1a5fafce32 images thdstatic catalog Images 98 stanley jumpit instr 67 orig s3 amazonaws ai assets syossetlibrary

16 **J509** x JUMPiT 500 AMP BATTERY JUMP-STARTER INSTRUCTION MANUAL JUMPiT PUENTE AUXILIAR DE ARRANQUE DE 500A MANUAL DE INSTRUCCIN SAVE THIS INSTRUCTION MANUAL FOR FUTURE REFERENCE. CONSERVE ESTE MANUAL PARA FUTURAS CONSULTAS. 2016 Baccus Global LLC Boca Raton, FL 33432 Customer Service: 877 571...

lang:en score:12 filesize: 1.16 M page_count: 16 document date: 2018-11-19

SERVICE INFORMATION

Whether you need technical advice, repair, or genuine factory replacement parts, contact the manufacturer at 877 571-2391

ONE-YEAR LIMITED WARRANTY

Manufacturer warrants this product for one year against any defects in material or workmanship. The defective product will be repaired or replaced at no charge in either of two ways. The first, which will result in no charge to you, is to return the product to the retailer from whom it was purchased provided that the store is a participating retailer. Reasonable shipping charges apply to the product of the retailer's policy for exchanges (usually 30 to 60 days after the date of purchase) may be required. Please check with the retailer for their specific return policy regarding return. That are beyond the time set for exchanges. The second option is to return the product (provided to the manufacturer) for repair or replacement at our option. Proof of purchase may be required. This warranty does not apply to accessories. This warranty gives you specific legal rights and you may have other rights which vary from state to state or province to province. This product is not intended for commercial use.

SPECIFICATIONS

Boost Ampere: 12VDC, 500A instantaneous, 5 seconds 300A
Battery Type: Lead-acid non-spillable, sealed lead acid, 12 volt DC, 7.5Ah
Area Light: 1 long-life white LED
LED Power: 300mA
DC Accessory Outlet: 12Vdc, 5A
Initial Maximum Power: 150 Wp

Inspired by
Stanley Global
5800 NW 2nd Avenue, Suite 150,
Boca Raton, FL 33432
877 571-2391

[\[pdf\]](#) Specifications Warranty Accessories

click here STANLEY J509 Portable Power Station Jump Starter 1000 Peak Amp Battery Booster USB Port Clamps Automotive 71cGZeyL0S m media amazon images I |||

SERVICE INFORMATION Whether you need technical advice, repair, or genuine factory replacement parts, contact the manufacturer at 877 571-2391 **ONE-YEAR LIMITED WARRANTY** Manufacturer warrants this product for one year against any defects in material or workmanship. The defective product will be repl...

lang:en score:10 filesize: 166.51 K page_count: 1 document date: 2015-02-12

Safety Data Sheet

According to HCS-2012 APPENDIX D TO 1910.1200

Version: 1.0 EN
Product name: Lead Acid Non-Spillable Battery
Revision date: 20-Mar-2018
Printing date: 20-Mar-2018

1. Identification

(a) Product identifier	Lead Acid (Non-Spillable) Battery
(b) Other names of the substance	None
(c) Recommended use of the chemical and restrictions on use	None
(d) Recommended use of the chemical and restrictions on use	Lead Acid (Non-Spillable) Battery
(e) Other information	No information available.
(f) Name of the supplier of the substance	Sunba International Limited Unit 26, 28, 47, The Star South, 2 Hong'g Road, Wong Chuk Hong HongKong
(g) Emergency phone number	852-227-5658

2. Hazard identification

(a) Classification of the chemical	Corrosive (C)
(b) Hazard statements	H314
(c) Pictograms	C
(d) Signal word	Danger
(e) Precautionary statements	P201+P202, P273
(f) GHS Label elements, including precautionary statements	Corrosive (C) H314: Causes severe skin burns and eye damage. P201+P202: Read the label and all labels on the container. P273: Avoid release to the environment.

[\[pdf\]](#) Datasheet Safety Datasheet Catalog

1000 Peak Amp Jump Starter with 12 Volt DC Outlet and USB Power SDS Stanley J509 897450002179 0897450002179 1003414701 224faad2 a5b7 41ab 8c7d 9982dd77d83b images thdstatic catalog Images 22 |||

Safety Data Sheet According to HCS-2012 APPENDIX D TO 1910.1200 Version: 1.0/EN Product name: Lead Acid Non-Spillable Battery Revision date: 20-Mar-2018 Printing date: 20-Mar-2018 1. Identification a Product identifier Product name: Lead Acid Non-Spillable Battery b Other means of iden...

lang:en score:10 filesize: 606.55 K page_count: 11 document date: 2019-07-15