Owner's Manual & Safety Instructions

Save This Manual Keep this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance and cleaning procedures. Write the product's Date Code in the back of the manual (or month and year of purchase if product has no number). Keep this manual and the receipt in a safe and dry place for future reference. 26i

VIKING®

LITHIUM-ION JUMP STARTER AND POWER BANK

CHARGE COMPLETELY IMMEDIATELY AFTER PURCHASE.

Fully recharge after each use.

Fully recharge every 3 months to ensure long battery life.



Visit our website at: https://www.harborfreight.com
Email our technical support at: productsupport@harborfreight.com

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When unpacking, make sure that the product is intact and undamaged. If any parts are missing or broken, please visit harborfreight.com/customer-support/contact-us as soon as possible.

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No portion of this manual or any artwork contained herein may be reproduced in any shape or form without the express written consent of Harbor Freight Tools.
Diagrams within this manual may not be drawn proportionally. Due to continuing improvements, actual product may differ slightly from the product described herein.
Tools required for assembly and service may not be included.

⚠WARNING

Read this material before using this product.
Failure to do so can result in serious injury.
SAVE THIS MANUAL.

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WARNING SYMBOLS AND DEFINITIONS	
⚠	This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.
⚠DANGER	Indicates a hazardous situation which, if not avoided, will result in death or serious injury.
⚠WARNING	Indicates a hazardous situation which, if not avoided, could result in death or serious injury.
⚠CAUTION	Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.
NOTICE CAUTION	Addresses practices not related to personal injury.

Symbology

V	Volts
⎓	Direct Current
A	Amperes
Wh	Watt-hours
	WARNING marking concerning Risk of Eye Injury. Wear ANSI-approved splash-resistant safety goggles.
	Read the manual before setup and/or use.
	WARNING marking concerning Risk of Fire. Follow connection procedure.

IMPORTANT SAFETY INSTRUCTIONS

WARNING - When using this product, basic precautions should always be followed, including the following:

1. Read all the instructions before using the product.
2. To reduce the risk of injury, close supervision is necessary when the product is used near children.
3. Do not put fingers or hands into the product.
4. Use of an attachment not recommended or sold by power pack manufacturer may result in a risk of fire, electric shock, or injury to persons.
5. To reduce risk of damage to the electric plug and cord, pull the plug rather than the cord when disconnecting the power pack.
6. Do not use a battery pack or appliance that is damaged or modified. Damage or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.
7. Do not operate the power pack with a damaged cord or plug, or a damaged output cable.
8. Do not disassemble the power pack, take it to a qualified service person when service or repair is required. Incorrect reassembly may result in a risk of fire or electrical shock.
9. To reduce the risk of electric shock, unplug the power pack from the outlet before attempting any instructed servicing.
10. 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 YOU FOLLOW THE INSTRUCTIONS EACH TIME YOU USE THE POWER PACK.
    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.
11. PERSONAL PRECAUTIONS
    a. Consider having someone close enough by 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. Avoid touching eyes while working near battery.
    d. If battery acid contacts skin or clothing, wash immediately with soap and water. If acid enters 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.
12. When charging the internal battery, work in a well ventilated area and do not restrict ventilation in any way.
13. Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.
14. Do not expose a power pack to fire or excessive temperature. Exposure to fire or temperature above 104°F may cause explosion.
15. Have servicing performed by a qualified repair person using only identical replacement parts. This will ensure that the safety of the product is maintained.

16. Attach output cables to a battery and chassis as indicated below. Never allow the output clamps to touch one another.
    a. The Jump Starter must be fully charged. Recharge as needed, according to Charging the Jump Starter section on page 7.
    b. Turn off the vehicle ignition switch and all accessories (lights, radio, climate control, etc.).
    c. Insert Jumper Cable into 'Engine Start' port on Jump Starter. If properly connected to the Jump Starter, the Clamp's LED light will start flashing green, indicating 'Standby' mode.
    d. Connect the red Positive Battery Cable to vehicle's positive battery terminal. Connect the black Negative Battery Cable to the vehicle chassis. The Clamp's green LED light will turn to solid green, indicating 'Ready' mode.
    e. Attempt to start vehicle. If Vehicle does not start right away, wait 20-30 seconds while the clamps are connected to the battery and the Jump Starter is on to allow boosting the discharged battery, and try again.
    f. After the vehicle is started, first remove Cable from the Jump Starter, then remove the black Negative Battery Cable, and lastly the red Positive Battery Cable.
    g. Recharge the Jump Starter if battery level is below 50%, or every 3-6 months.
17. Keep work area clean and well lit. Cluttered or dark areas invite accidents.
18. Keep children and bystanders away while operating the Jump Starter. Distractions can cause you to lose control.
19. Store idle equipment. Always lock up tools and keep out of reach of children.
20. Do not leave Jump Starter unattended while switched on. It could result in fire and property damage.
21. Do not expose to rain or wet conditions. Water entering the Jump Starter will increase the risk of fire.
22.  Wear ANSI-approved splash-resistant safety goggles and heavy-duty rubber work gloves whenever connecting, disconnecting, or working near battery. Battery acid can cause permanent blindness. Avoid touching eyes while working near battery.
23. Do not use Jump Starter while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating Jump Starter may result in serious personal injury.
24. People with pacemakers should consult their physician(s) before use. Electromagnetic fields in close proximity to heart pacemaker could cause pacemaker interference or pacemaker failure.
25. Do not charge overnight, while sleeping, or when monitoring is not possible.
26. Maintain labels and nameplates on the Jump Starter. These carry important safety information. If unreadable or missing, contact Harbor Freight Tools for a replacement.
27. The warnings, precautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

Lithium Battery Safety Warnings

1. Do not drop, disassemble, open, crush, bend, deform, puncture, shred, microwave, incinerate, paint, submerge in a liquid, or insert foreign objects into the power bank.
2. Keep power banks out of the reach of children. Children should be supervised when a power bank is in use.
3. Do not expose power banks to heat or fire. Do not store in direct sunlight or in a vehicle.
4. Do not use or charge a damaged power bank. In the event of a power bank leaking, keep away from skin and eyes. Wash any affected area with large amounts of water and seek medical attention.
5. Power banks need to be charged before use. Always use the correct cable and refer to the power bank manufacturer's instructions for proper charging instructions.
6. Do not use any cable other than that specifically provided or recommended by the power bank manufacturer.
7. Do not use a damaged cable to charge or discharge a power bank.
8. Do not leave a power bank on prolonged charge when not in use. Disconnect the power bank from the charging source once full.
9. Observe the dedicated input and output ports for receiving and providing power on the power bank and the device to be charged to ensure correct use.
10. Do not use any power bank which is not designed for use with the device you wish to charge. Refer to the device's manual for proper charging instructions.
11. When possible, detach cable(s) from power bank when not in use.
12. Only use the power bank in the application for which it was intended.
13. Store the power bank in a cool, dry place when not in use. When a power bank is not used for prolonged periods, the power bank should be charged periodically in order to maintain power bank life.
14. Dispose of power bank properly.
15. Keep all instructions provided with the power bank for future reference.
16. This product contains a Lithium-Ion battery. In case of fire, you may use water, a foam extinguisher, Halon, CO2, ABC dry chemical, powdered graphite, copper powder or soda (sodium carbonate) to extinguish fire. Once the fire is extinguished, douse the product with water, an aqueous-based extinguishing agent, or other nonalcoholic liquids to cool the product and prevent the battery from re-igniting. NEVER attempt to pick up or move a hot, smoking, or burning product, as you may be injured.

SAVE THESE INSTRUCTIONS.

Specifications

Peak Amps (Battery)	2000A
Cranking Amps	1000A Max
Battery Type	Li-Ion
Operating Temperature	14ºF - 104ºF
Storage Temperature	14ºF - 104ºF
Charging Temperature	32°F - 104°F
Battery Capacity	59.2 Wh
USB Port Output	USB-A1: 5V/2.4A USB-A2: 5V/3A, 9V/2A, 12V/1.5A USB-C: (Input/Output) 5V/3A
Input	USB-C: 5V/3A Max
Water/Dust Resistance	IPX3

Setup - Before Use:

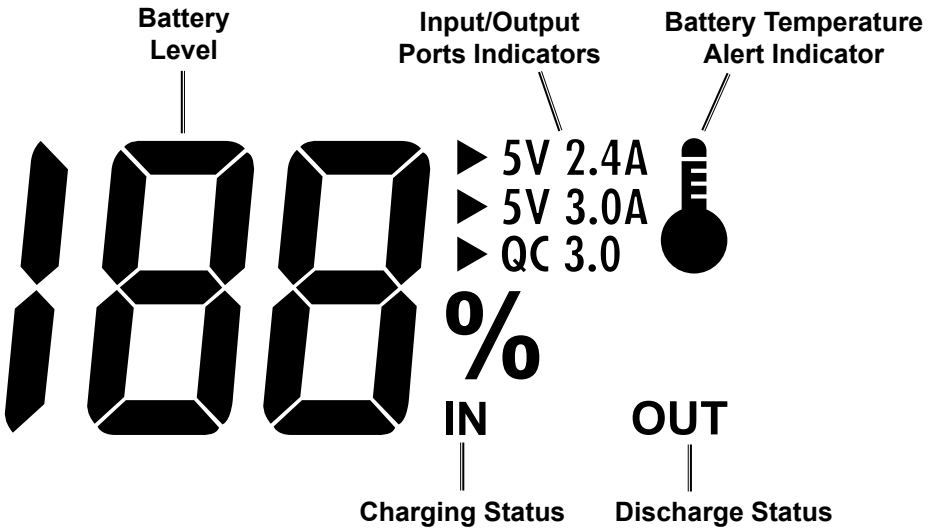
Read the ENTIRE IMPORTANT SAFETY INSTRUCTIONS section at the beginning of this manual including all text under subheadings therein before setup or use of this product.

Functions





LCD Display



Charging the Jump Starter

IMPORTANT: YOU MUST CHARGE COMPLETELY BEFORE FIRST USE AND EVERY 3-6 MONTHS OR VOIDS WARRANTY.

WARNING! TO PREVENT SERIOUS INJURY: Charge on a non-flammable surface.

Note: Do not attempt to charge the Jump Starter when it is below 32°F. Only use the chargers and charging cable included with this Jump Starter to charge Jump Starter.

Note: For best results, only use the Wall Charger included with the Jump Starter.

Notice: For manual reset resuming the charging process, unplug and replug the Charging Cable.

1. Plug Charging Cable into the Jump Starter input port, and then plug USB end of Charging Cable into the Wall Charger. Charge time is approximately 4-5 hours.
2. When the Jump Starter is fully charged, unplug Charging Cord from the outlet and the unit.

Using the Work Light

1. Press and hold the Power Button for 3 seconds to illuminate Work Light.
2. Press (short press) the Button repeatedly to cycle through the light modes: Work Light, SOS, and Strobe.
3. Pressing and holding down the Power Button again will turn the Work Light off.

Jump-Starting a Vehicle

Note: Read the vehicle owner's manual pertaining to jump-starting prior to using the Jump Starter.

Note: Use ONLY the clamp set included with this Jump Starter.

1. The Jump Starter must be fully charged. Recharge as needed, according to ***Charging the Jump Starter*** section on page 7.
2. Turn off the vehicle ignition switch and all accessories (lights, radio, climate control, etc.).

WARNING! TO PREVENT SERIOUS INJURY: DO NOT TOUCH POSITIVE AND NEGATIVE BATTERY CLAMPS TOGETHER.

3. Insert Jumper Cable into 'Jump Start' port on Jump Starter. If properly connected to the Jump Starter, the Clamp's LED light will start flashing green, indicating 'Standby' mode.
4. Connect the red Positive Battery Cable to vehicle's positive battery terminal. Connect the black Negative Battery Cable to the vehicle chassis. The Clamp's green LED light will turn to solid green, indicating 'Ready' mode.

WARNING! TO PREVENT SERIOUS INJURY: DO NOT CONNECT TO THE NEGATIVE TERMINAL OF THE BATTERY.

Note: If improperly connected, the Red Error LED on the Clamp will illuminate and alarm will sound. Adjust connections to clear error. When error is cleared, the LED will illuminate green.

5. Start the vehicle.

Note: Cold weather may affect performance of the Jump Starter's Lithium Battery. If you hear only a click and the engine does not turn over, try the following: With the Jump Starter connected to the car battery, turn on all vehicle lights and electrical accessories for one minute. This draws current from the jump starter and warms the battery. Now try to crank the engine. If it does not turn over, repeat the procedure. Extremely cold weather may require the battery to be warmed repeatedly before the engine will start.

Note: Some vehicles may need to be connected to the Jump Starter for at least 30 seconds before starting.

6. After the vehicle is started, first remove Cable from the Jump Starter, then remove the black Negative Battery Cable, and lastly the red Positive Battery Cable.
7. Recharge the Jump Starter if battery level is below 50%, or every 3-6 months.

Charging/Powering USB Devices

1. Plug USB Cable into Jump Starter's USB Port. Attach other end of USB Cable to device.
2. Press 'Battery Status / Work Light' Button.
3. When finished, remove device from the USB Port.

Note: The USB-C port is input and output, and can also be used to charge the device with a C-to-C Cable by first plugging in the cable and then pressing the Battery Status/Work Light Button.

User Maintenance and Servicing

Procedures not specifically explained in this manual must be performed only by a qualified technician.

⚠WARNING

TO PREVENT SERIOUS INJURY: Unplug the Jump Starter, turn the Power Switch off and allow Jump Starter to cool completely before performing any inspection, maintenance, or cleaning procedures.

1. **BEFORE EACH USE,** inspect the general condition of the Jump Starter. Check for:
   - loose hardware
   - cracked or broken parts
   - damaged electrical wiring or cable insulation
   - any other condition that may affect its safe operation.
2. Keep unit clean and clamps free of dirt, debris, or grease.
3. For longer working life, protect unit from sunlight and moisture. Do not store in any environment with extreme hot or cold.
4. Li-Ion BATTERY MUST BE RECYCLED OR DISPOSED OF PROPERLY. Do not short, incinerate or open battery.
5. **AFTER USE,** wipe external surfaces of the Jump Starter with clean cloth.

Battery Disposal

WARNING! TO PREVENT SERIOUS INJURY: CONTAINS LITHIUM BATTERY. BATTERY MUST BE RECYCLED OR DISPOSED OF PROPERLY.

1. Open housing and cut wires from Battery with insulated wire clippers and remove.
2. Disposing of the Jump Starter must comply with standards for hazardous waste disposal in your area. Contact your local city government office for the nearest hazardous waste disposal area in your community.

Component List

Part	Description	Qty
1	Jumper Cable	1
2	USB Cable	1
3	Wall Charger	1
4	Case	1

Record Product's Date Code Here:_____

Note: If product has no Date Code, record month and year of purchase instead.

Note: Internal parts are not user-serviceable and are not available. Refer to UPC 193175556981.

Limited 90 Day Warranty

Harbor Freight Tools Co. makes every effort to assure that its products meet high quality and durability standards, and warrants to the original purchaser that this product is free from defects in materials and workmanship for the period of 90 days from the date of purchase. This warranty does not apply to damage due directly or indirectly, to misuse, abuse, negligence or accidents, repairs or alterations outside our facilities, criminal activity, improper installation, normal wear and tear, or to lack of maintenance. We shall in no event be liable for death, injuries to persons or property, or for incidental, contingent, special or consequential damages arising from the use of our product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation of exclusion may not apply to you. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS.

To take advantage of this warranty, the product or part must be returned to us with transportation charges prepaid. Proof of purchase date and an explanation of the complaint must accompany the merchandise. If our inspection verifies the defect, we will either repair or replace the product at our election or we may elect to refund the purchase price if we cannot readily and quickly provide you with a replacement. We will return repaired products at our expense, but if we determine there is no defect, or that the defect resulted from causes not within the scope of our warranty, then you must bear the cost of returning the product.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

FCC NOTICE:

CAUTION! Changes or modifications not expressly approved by Harbor Freight Tools could void the user's authority to operate the equipment.
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.



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