

OPERATOR'S MANUAL / MANUAL DEL USUARIO

# DieHard®

**Portable Power 750**  
**12V DC Power Source and Jump Starter**  
**Energía Portátil 750**  
**12V fuente de energía CC y arrancador**



**Model / Modelo:**  
**28.71686**

**CAUTION:**

Read and follow all safety rules and operating instructions before every use of this product.

**SAVE THESE INSTRUCTIONS.**

**ATENCIÓN:**

Lea y siga todas las reglas de seguridad e instrucciones de uso antes de cada uso de este producto.

**GUARDE ESTAS INSTRUCCIONES.**

---

Sears Brands Management Corporation, Hoffman Estates, IL 60179 U.S.A.

---



0099001433-00



**THIS UNIT CONTAINS A SEALED, NON-SPILLABLE LEAD-ACID BATTERY. MUST BE DISPOSED OF PROPERLY.**

**ESTA UNIDAD CONTIENE UNA BATERÍA SELLADA DE ÁCIDO-PLOMO NO DERRAMABLE QUE DEBE DESECHARSE APROPIADAMENTE.**

**WARNING:** Possible explosion hazard. Contact with battery acid may cause severe burns and blindness. Keep out of reach of children.

**ADVERTENCIA:** Posible Riesgo de una explosión. El contacto con una batería de ácido puede causar quemaduras y ceguera. Manténgase alejado de los niños.

### **DIEHARD® ONE-YEAR FULL WARRANTY**

When operated and maintained according to all supplied instructions, if this DieHard® product fails due to a defect in material or workmanship within 1 year from the date of purchase, return it to any DieHard® outlet in the United States for free replacement.

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

Sears Brands Management Corporation, Hoffman Estates, IL 60179

**FOR CUSTOMER ASSISTANCE OR REPLACEMENT PARTS,  
CALL 1-800-SEARS-64 (1-800-732-7764) TOLL-FREE  
FROM 7 AM TO 5 PM CT.**

### **DIEHARD® GARANTÍA TOTAL DE UN AÑO**

Cuando se opere o maneje con las debidas precauciones de acuerdo a las instrucciones, si el DieHard® falla en alguno de sus componentes de fabricación durante un año contados a partir de la fecha de compra, regresarlo al autoservicio DieHard® en los estados unidos para reemplazar el aparato sin costo alguno.

Esta garantía le otorga derechos legales específicos, así como otros derechos, que varían de estado a estado.

Sears Brands Management Corporation, Hoffman Estates, IL 60179

**PARA ASISTENCIA AL CLIENTE O REPUESTOS,  
LLAME GRATIS AL 7 AM-5 PM CT  
LUNES A VIERNES: 1-800-SEARS-64 (1-800-732-7764)**

## CONTENTS

IMPORTANT SAFETY INSTRUCTIONS .....	4
PERSONAL SAFETY PRECAUTIONS .....	4
FEATURES .....	5
CHARGING THE INTERNAL BATTERY OF THE PORTABLE POWER.....	5
USING THE PORTABLE POWER.....	6
MAINTENANCE AND CARE .....	7
TROUBLESHOOTING.....	7
BEFORE RETURNING FOR REPAIRS .....	7
REPLACEMENT PARTS/ACCESSORIES .....	7

## CONTENIDOS

INSTRUCCIONES IMPORTANTES DE SEGURIDAD.....	8
PRECAUCIONES DE SEGURIDAD PERSONAL .....	8
CARACTERÍSTICAS.....	9
CARGA DE LA BATERÍA INTERNA DE LA ENERGÍA PORTÁTIL.....	9
CÓMO UTILIZAR LA ENERGÍA PORTÁTIL.....	10
MANTENIMIENTO Y CUIDADO.....	11
LOCALIZACIÓN Y SOLUCIÓN DE PROBLEMAS.....	11
ANTES DE DEVOLVER A REPARACIONES .....	12
REPUESTOS/ACCESORIOS.....	12

## IMPORTANT SAFETY INSTRUCTIONS

### SAVE THESE INSTRUCTIONS.

#### WARNING – RISK OF EXPLOSIVE GASES

WORKING IN THE VICINITY OF A LEAD-ACID BATTERY IS DANGEROUS. BATTERIES GENERATE EXPLOSIVE GASES DURING NORMAL OPERATION. IT IS IMPORTANT THAT YOU FOLLOW THESE INSTRUCTIONS EACH TIME YOU USE THE PORTABLE POWER.

**To reduce the risk of battery explosion, follow these instructions and those published by the battery manufacturer and the manufacturer of any equipment you intend to use in the vicinity of a battery. Review cautionary markings on these products and on the engine.**

**WARNING:** Pursuant to California Proposition 65, this product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Wash hands after handling.

- Keep out of reach of children.
- Do not disassemble the Portable Power. Take it to a qualified service professional if service or repair is required. Incorrect assembly may result in fire or electrical shock.
- Do not use the Portable Power to jump a vehicle while charging the internal battery.
- Do not recharge the Portable Power with a damaged extension cord.
- The Portable Power gets hot during charging and must have proper ventilation.
- Do not set the Portable Power on flammable materials, such as carpeting, upholstery, paper, cardboard, etc.
- Place the Portable Power as far away from the battery being jumped as the cables will permit.
- Do not expose the Portable Power to rain or snow.
- Never place the Portable Power directly above battery being jumped.
- To prevent arcing, never allow the clamps to touch together or to contact the same piece of metal.
- Use of an attachment not recommended or sold by the jump starter's manufacturer may result in damage to the unit or personal injury.
- Never operate the Portable Power if it is damaged.
- If someone else uses the Portable Power, ensure they are well informed on how to use it safely, and have read and understood the operating instructions.
- The Portable Power is NOT designed to be installed as a replacement for a vehicle battery.
- Use ONLY on vehicles, boats and garden tractors powered with a 12V DC battery system.
- If the engine fails to start after the recommended number of attempts, disconnect the unit and look for other problems that may need to be corrected.
- Use the Portable Power for jump starting lead-acid batteries ONLY. Do not use for dry cell batteries that are commonly used with home appliances.

#### PERSONAL SAFETY PRECAUTIONS

- Wear complete eye protection and protective clothing when working near lead-acid batteries. Always have someone nearby for help.
- Have plenty of fresh water, soap and baking soda nearby for use, in case battery acid contacts your eyes, skin, or clothing. Wash immediately with soap and water and seek medical attention.
- If battery acid comes in contact with eyes, flush eyes immediately for a minimum 10 minutes and get medical attention.
- Neutralize any acid spills thoroughly with baking soda before attempting to clean up.
- Remove all personal metal items from your body, such as rings, bracelets, necklaces and watches. A battery can produce a short circuit current high enough to weld a ring to metal, causing a severe burn.
- Never smoke or allow a spark or flame in the vicinity of the battery or engine.

## FEATURES






1. Charger plug
2. Jump start ON/OFF switch
3. Built-in light and switch
4. LED indicators
5. Battery clamps
6. USB port
7. Battery status and USB ON/OFF button

## CHARGING THE INTERNAL BATTERY OF THE PORTABLE POWER

**IMPORTANT!** CHARGE IMMEDIATELY AFTER PURCHASE, AFTER EACH USE AND EVERY 30 DAYS, TO KEEP THE PORTABLE POWER'S INTERNAL BATTERY FULLY CHARGED AND PROLONG BATTERY LIFE.

### CHECKING THE LEVEL OF THE INTERNAL BATTERY




Press the **Battery Status** button on the front of the unit. The LED lights will indicate the current charge level as follows:


-  (green) solid – 100%-70% of full charge.
-  (yellow/orange) solid – 70-30% of full charge.
-  (yellow/orange) flashing – Less than 30% of full charge.

### CHARGING THE INTERNAL BATTERY

Charge the internal battery for the Portable Power using an extension cord (not included).

**NOTE:** Use of an improper extension cord could result in a risk of fire and electric shock.

1. To charge, plug an 18 AWG or larger extension cord into the charger plug on the side of the Portable Power.
2. Plug the extension cord into a 120VAC electrical wall outlet.
3. While the Portable Power is charging, the  (yellow/orange) LED will be lit until the level reaches 70% of charge, then the  (green) LED will be solid until it is fully charged. When fully charged, the  (green) LED will pulse. Complete charging may take up to 72 hours.
4. When the internal battery is fully charged, the charger will automatically go into maintain mode and maintain the battery

at full charge without damaging it. When in maintain mode, the  (green) LED will pulse, as long as there is an AC cord connected to the charging port.

5. Charge the jump starter as soon as possible after use.

### CHARGING THE INTERNAL BATTERY WHILE DRIVING

You may also charge the internal battery while driving, using a male-to-male charger cable (part number 94500109 – not included).

**IMPORTANT:** DO NOT CHARGE INTERNAL BATTERY FOR MORE THAN 30 MINUTES OR LEAVE THE BATTERY UNATTENDED. IT COULD EXPLODE, CAUSING PROPERTY DAMAGE OR PERSONAL INJURY.

1. Make sure the car is running.
2. Insert one end of the accessory cable into the 12V DC power outlet.
3. Insert the other end of the accessory cable into the vehicle's accessory outlet (lighter socket).

**NOTE:** The green and yellow/orange LEDs do not operate during this method of charging. Using this method to charge the battery overrides the maintain mode and the battery can be overcharged.

4. Monitor the progress of the charge by pressing the **Battery Status** button on the front of the unit. When the battery is fully charged, disconnect the accessory cable from the Portable Power, then from the lighter socket of the vehicle.

**NOTE:** Completely disconnect the charger cable when the engine is not running.

## USING THE PORTABLE POWER

**IMPORTANT:** Using the Engine Start feature without a battery installed in the vehicle will damage the vehicle's electrical system.

1. Turn the ignition OFF.
2. Lay the DC cables away from any fan blades, belts, pulleys and other moving parts.
3. For a negative-ground vehicle (as in most vehicles), connect the Portable Power's POSITIVE (RED) clamp to the POSITIVE (POS, P, +) battery post. Next, connect the NEGATIVE (BLACK) clamp to the vehicle chassis or engine block, away from the battery.
4. For a positive-ground vehicle, connect the Portable Power's NEGATIVE (BLACK) clamp to the NEGATIVE (NEG, N, -) battery post. Next, connect the POSITIVE (RED) clamp to the vehicle chassis or engine block away from the battery.
5. Turn the rotary switch to the ON position.
6. Crank the engine for no more than 8 seconds. If the engine does not start, wait 2 minutes before cranking again.
7. After the engine starts, turn the switch to the OFF position and remove the Portable Power from the battery.
8. Charge the Portable Power.

### USING THE USB PORT

The USB port provides up to 2.1A at 5V DC.

1. Make sure the battery clamps are securely clipped on the storage holders.
2. To turn on the USB, press the battery status button. The battery status LED will illuminate when the USB is on.
3. Plug your device into the USB port.
4. When finished using the USB port, press the Battery Status button to turn off the USB.
5. Charge the Portable Power.

### USING THE WORK LIGHT

The work light is controlled by a switch located on the front of the Portable Power.

- Make sure the light is turned OFF when the unit is being recharged or stored.
- Position the Portable Power on a flat, stable surface near the intended work area.
- Ensure the battery clamps are securely clipped on the storage holders.

### POWERING A 12V DC DEVICE

The Portable Power is a power source for all 12V DC accessories that are equipped with a 12V accessory plug. Use it for power outages and on fishing or camping trips.

**NOTE:** Do not power a 12V device with the Portable Power while charging the internal battery.

1. Make sure the device to be powered is OFF before inserting the 12V DC accessory plug into the 12V DC accessory outlet.
2. Open the protective cover of the DC power outlet on the Portable Power.
3. Plug the 12V DC device into the DC power outlet and turn on the 12V DC device (if required).
4. When finished, turn off the DC device (if required) and unplug from the DC power outlet.

**CAUTION:** Do not use the Portable Power to run appliances that draw more than 15A DC.

**NOTE:** Extended operation of a 12V DC device may result in excessive battery drain. Recharge the Portable Power immediately after unplugging the 12V DC device.

### ESTIMATED RUN-TIMES

APPLIANCE TYPE	EST WATTAGE	ESTIMATED RUN TIME
Cell phone	4 watts	21 hrs
Fluorescent light	4 watts	21 hrs
Radios, fans	10 watts	8.4 hrs
Depth finder	10 watts	8.4 hrs
Camcorder	15 watts	5.6 hrs
Electrical tool	24 watts	3.5 hrs
Electric cooler	48 watts	1.8 hrs
Car vacuum, air compressor	80 watts	1.1 hrs

**NOTE:** Actual time may vary. Times are based on the internal battery being fully charged.

## MAINTENANCE AND CARE

- Clean the clamps and the case each time you are finished using it.
- Recharge the unit once a month when not in use.
- Store clamps on their support posts, to ensure they do not come into contact with any metallic surface.
- Never completely discharge the internal battery.

## TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	REASON/SOLUTION
The Portable Power won't jump start my car.	Clamps are not making a good connection to the battery.	Check for poor connection to battery and frame. Make sure connection points are clean.
	Connections are reversed.	Disconnect the Portable Power and reverse the clamps.
	The Portable Power's battery is not charged.	Press the Battery Status button on the front of the unit. The LEDs will indicate the status of charge.
	The vehicle's battery is defective.	Have the battery checked.
The Portable Power won't power my 12V device.	The Portable Power is not turned on.	Turn the jump start ON/OFF switch to the ON position.
	The 12V device is not turned on.	Turn on the 12V device.
	The Portable Power's battery is not charged.	Check the battery charge status by pressing the Battery Status button.
The battery in the Portable Power won't hold a charge.	The 12V device draws more than 15A or has a short circuit.	Disconnect the 12V device. The internal breaker will automatically reset after a minute or two. Try the 12V device again.
	The battery is bad (will not accept a charge).	Have the battery checked.

## BEFORE RETURNING FOR REPAIRS

**If the above solutions do not eliminate the problem,  
or for information about troubleshooting or replacement parts,  
call toll-free from anywhere in the U.S.A.**

**1-800-732-7764**

**7:00 am to 5:00 pm CT, Monday through Friday**

## REPLACEMENT PARTS/ACCESSORIES

Male-to-male accessory cable ..... 94500109