

## DieHard 71341

# DieHard 71341 6/12V Gold Smart Wheel Battery Charger and 50/250A Maintainer User Manual

Model: 71341

## INTRODUCTION

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This user manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your DieHard 71341 6/12V Gold Smart Wheel Battery Charger and 50/250A Maintainer. This unit is designed to charge or jump start your battery with intelligent charge technology, offering precision, safety, and extended battery life. Please read this manual thoroughly before using the product.





Image: The DieHard 71341 Gold Smart Wheel Battery Charger, a black unit with a handle and wheels, featuring a control panel on top and battery clamps stored on the handle.

## IMPORTANT SAFETY INFORMATION

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Always observe the following safety precautions to prevent injury or damage to the charger or battery:

- **Read All Instructions:** Before using the charger, read all instructions and cautionary markings on the charger, the battery, and the product using the battery.
- **Ventilation:** Ensure adequate ventilation when charging batteries. Batteries can produce explosive gases.
- **Eye Protection:** Always wear eye protection and protective clothing when working with batteries.
- **Avoid Sparks:** Do not smoke or allow a spark or flame in the vicinity of the battery or engine.
- **Proper Connection:** Connect and disconnect battery clamps only when the charger's AC cord is disconnected from the electrical outlet.
- **Reverse Polarity:** Avoid reverse polarity connections. The charger is designed with protection against incorrect connections, but always double-check.
- **Indoor Use:** This charger is intended for indoor use only. Do not expose to rain or snow.
- **Children:** Keep out of reach of children.

## SETUP

The DieHard 71341 charger comes largely pre-assembled for ease of use. Follow these steps for initial setup:

1. **Unpacking:** Carefully remove the charger from its packaging. Inspect for any shipping damage.
2. **Handle Assembly:** Ensure the retractable handle is securely in place. It is designed for easy transport.
3. **Cable Management:** Uncoil the 6-gauge power cord and the 6-foot cold weather flexible output cables with color-coded clamps. The unit features integrated storage for these cables.
4. **Placement:** Position the charger on a stable, level surface near the battery to be charged, ensuring adequate ventilation. The compact wheel design allows for easy movement around your garage or workspace.



Image: Close-up view of the red and black color-coded battery clamps, designed for secure connection to battery terminals.

## OPERATING INSTRUCTIONS

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The DieHard 71341 features intelligent, microprocessor-controlled charging for optimal battery health.

### Connecting to a Battery:

1. Ensure the charger is unplugged from the AC outlet.
2. Connect the red positive (+) clamp to the positive (+) battery terminal.
3. Connect the black negative (-) clamp to the negative (-) battery terminal. For vehicles, connect the negative clamp to the vehicle chassis away from the battery and fuel line if the battery is still in the vehicle.
4. Plug the charger's AC cord into a standard 120V AC outlet.

### Selecting a Mode:

The charger automatically senses 6V or 12V battery voltage. Use the "Rate Selection" switch on the control panel to choose your desired operation:

- **Charge/Maintain (6A/2A):** For standard charging and long-term battery maintenance. The multi-stage charging process prevents overcharging and switches to maintenance mode when fully charged.
- **Boost (50A):** Provides a quick energy boost to a discharged battery.
- **Engine Start (250A):** Delivers maximum power to jump start your vehicle. Follow vehicle manufacturer's instructions for jump starting.





Image: Close-up of the DieHard 71341 control panel, showing the rate selection switch for charge/maintain, boost, and engine start modes, along with LED indicators for battery status.



Image: A person's hand adjusting the settings on the DieHard 71341 battery charger's control panel, with the charger positioned near a vehicle.

## MAINTENANCE

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Proper maintenance ensures the longevity and optimal performance of your DieHard charger:

- **Cleaning:** Disconnect the charger from the power outlet and battery before cleaning. Wipe the case and cables with a damp cloth. Do not use solvents.
- **Cable and Clamp Inspection:** Regularly inspect the battery cables and clamps for any damage, fraying, or corrosion. Replace if necessary.
- **Storage:** Store the charger in a cool, dry place when not in use. Ensure cables are neatly wrapped and clamps are securely stored on the unit's handle to prevent damage.

## TROUBLESHOOTING

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If you encounter issues with your DieHard 71341 charger, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Charger not turning on/no display.	No AC power; faulty outlet; internal fuse.	Check AC outlet; try a different outlet; consult a qualified technician if fuse is suspected.
"Clamps Reversed" indicator lit.	Battery clamps connected incorrectly.	Disconnect AC power, then correctly connect red clamp to positive (+) and black clamp to negative (-). Reconnect AC power.
Battery not charging or charging slowly.	Poor connection; deeply discharged battery; battery fault.	Ensure clamps have good contact; allow more time for deeply discharged batteries; have battery tested by a professional.
Engine Start/Boost not working.	Insufficient battery voltage; incorrect mode selection.	Ensure battery has some residual voltage; select the correct "Engine Start" or "Boost" mode.

SPECIFICATIONS

Feature	Detail
Brand	DieHard
Model Number	71341
Product Dimensions	12.5 x 12 x 23.38 inches
Item Weight	29.9 pounds
Voltage	6V / 12V (Automatic Detection)
Amperage (Charge/Maintain)	2A / 6A
Amperage (Boost)	50A
Amperage (Engine Start)	250A
Power Cord Length	6 feet
Output Cable Length	6 feet
Technology	Microprocessor Controlled, Multi-stage Charging





Image: Diagram showing the dimensions of the DieHard 71341 battery charger: 23.38 inches high, 12.5 inches wide, and 12 inches deep.

## WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official documentation included with your product or visit the manufacturer's website. A detailed user manual in PDF format is also available for download for further reference.

For additional support and resources, you may refer to the official user manual document: [DieHard 71341 User Manual \(PDF\)](#).

## Documents - DieHard – 71341



### [\[pdf\]](#) User Manual Instructions Warranty

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OPERATOR S MANUAL / MANUAL DEL USUARIO 6V/12V Automatic Battery Charger Engine Starter Cargador de bateras automtico 6V / 12V y arrancador Model / Modelo: 28.71341 CAUTION: Read and follow all safety rules and operating instructions before every use of this product. SAVE THESE INSTRUCTIONS. AT... lang:en score:32 filesize: 378.31 K page\_count: 10 document date: 2019-07-23



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Owner s Manual / Manual del Propietario Automatic Battery Charger Engine Starter Cargador de batera automtico y arrancador AC Input: 120V AC, 60 Hz 10A Cont., 50A Int. DC Output: 6V/12V DC 6V/12V: 2A Cont., 6/50A Int. 12V: 250A Intermittent Model 71341 CAUTION: Read and follow all safety rules an... lang:en score:21 filesize: 697.03 K page\_count: 24 document date: 2020-02-26



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Owner s Manual / Manual del Propietario Automatic Battery Charger Engine Starter  
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