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OWNER'S MANUAL

120W SOLAR PANEL

for use with DieHard Portable Power Stations

FOR MODEL: DH-20005-01

CONGRATULATIONS!

You have just purchased a DieHard® solar panel to be used with the DieHard portable power stations. Please read this manual carefully before operating the machine. The model and serial number may be found inside the zippered pocket of your solar panel. You should record both model and serial numbers and keep them in a safe place for future use.

KEEP THIS OWNER'S MANUAL FOR REFERENCE. CUSTOMER SUPPORT AND A COPY OF THIS OWNER'S MANUAL CAN ALSO BE FOUND AT WWW.DIEHARDPOWERSTATIONS.COM/PRODUCT-SUPPORT

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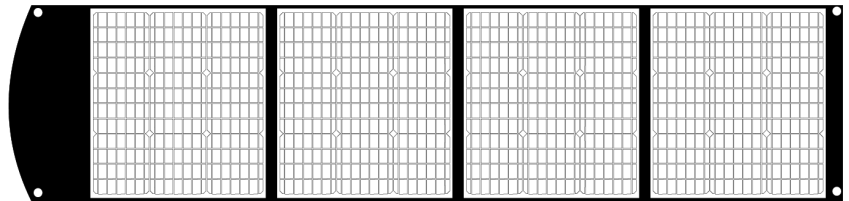
PACKING LIST



User Manual



Anderson Cable



120W Solar Panel

IMPORTANT SAFETY INFORMATION

To ensure safe operation and service of the meter, read and understand all instructions. Failure to follow all instructions may result in severe injury or property damage.

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WARNINGS

Read the following instructions to ensure safe usage:

- Do NOT operate or assemble the Solar Panel until you have read this manual and understand how it works.
- Use only as described in this manual.
- Do not disassemble, repair, or modify the unit.
- Do not modify this product in any way. Unauthorized modification may impair function and safety. Also, it could affect the lifespan of the product
- Do not place the unit close to or in a fire or expose it to heat.
- Keep the solar panel away from excessive-high temperatures, such as fire or heater.
- Do not use or store the unit in an area or environment with high temperatures.
- Do not put the solar panel into a fire or apply direct heat.
- Do not touch the unit or the plug-in points if your hands are wet.
- Use and store the unit only in a clean and dry environment. Do not use and store in a dusty or wet environment.
- Do not immerse the solar panel in water. Try to avoid exposure in the rain and moist environments.
- Check the unit before every use. Please don't use the unit if it is damaged or broken.
- Do not use the unit if the power cord is damaged or broken.
- Keep the unit away from children.
- Solar panel is not intended for use by persons (including children) with reduced physical, reduced sensory, or reduced mental capacities, or lack of experience or knowledge, unless they have been given supervision or instruction concerning use of the power station by a person responsible for their safety.
- Ensure the unit is adequately secured when transporting it in a motor vehicle.
- Only use the unit if it is functioning correctly.
- Do not break, dismantle, or drop the solar panel.
- Do not use nails or sharp objects to scratch the solar panel surface.
- Do not place heavy objects on the solar panel or step on the solar panel.
- Do not contact the solar panel with strong corrosive objects.
- Clean the solar panel with a soft, damp cloth when cleaning it.
- When using solar panel, place it upward in direct sunlight to ensure the best charging effect.



NOTE:

The warnings in this manual cannot cover all possible conditions or situations that could occur. Use this product with common sense and caution. Always be aware of the environment and ensure the product is used safely and responsibly.

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HOW TO USE

Unzip the cord storage compartment and locate the Anderson connection cable.

Insert the cable into the PV Input on a DieHard Portable Power Station. Note that the red part of the Anderson plug is positive, and the black part is negative. Please connect positive to positive and negative to negative to ensure it is used correctly.

NOTE: Ensure the solar panel's charging voltage matches your power station's input voltage.

NOTE: The 120 Watt Solar Panel is compatible with the 300, 500, 1000, and 2400 Watt DieHard Portable Power Stations. However, use with the 1000 Watt and 2400 Watt Portable Power Stations is not recommended due to the long charge time required.

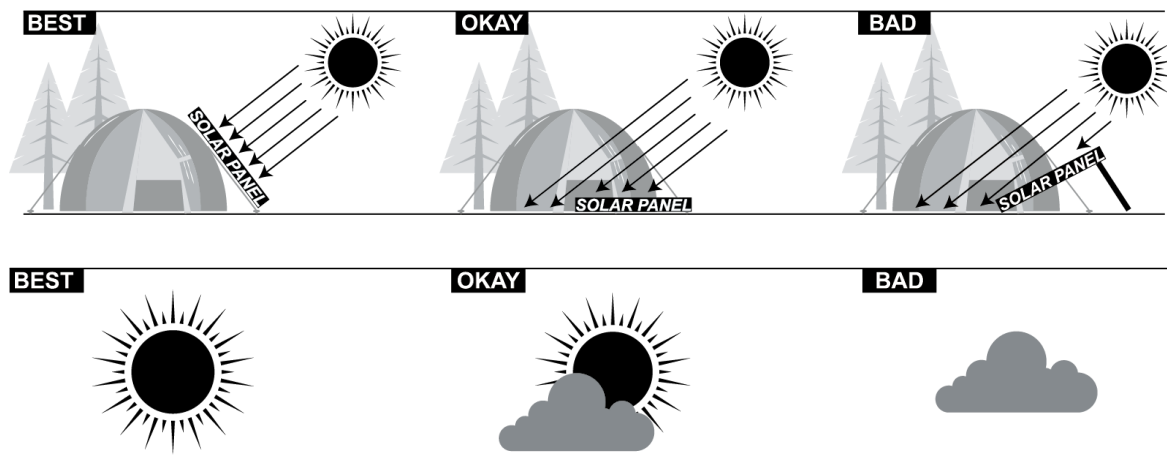
The solar panel is for use with a DieHard Portable Power Station. Use with any other equipment is at the sole risk of the user and voids the warranty. We are not responsible for damage caused to the solar panel or equipment if used with any equipment other than a DieHard Portable Power Station.

PLACEMENT OF SOLAR PANEL

The output power of the solar panel is related to the intensity and angle of the sunlight.

Form a 90-degree angle with the solar panel and sunlight for best charging efficiency.

To ensure the best outcome, use the solar panel in a place with sufficient sunlight.





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FREQUENTLY ASKED QUESTIONS

Q: Is the Solar Panel waterproof?

A: Both sides of the solar panel are resistant to splashing water. However, the connectors which on the bag are not waterproof. Do not immerse the solar panel in water. It is not recommended to use the solar panel in the rain and moist environments. Do not leave out in the rain.

Q: Is this chainable with other Solar Panels?

A: Yes. You can chain other DieHard solar panels that have the same nominal output voltage power in parallel. The superimposed current cannot exceed the current that the connecting cables and plugs can bear. Warranty does not cover any property loss caused by misoperation when chaining solar panels.

Q: If it is partially cloudy or shady will the solar charger still work?

A: Yes, although the charging efficiency will be low causing prolonged charging time.

Q: Will this panel charge a power station?

A: Yes. The solar panel can charge DieHard portable power stations. Note that charging a power station which has excessive power will lead to longer charging time.

CUSTOMER SUPPORT

For customer service, please visit: www.diehardpowerstations.com/product-support

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TECHNICAL SPECIFICATIONS

Model No: DH-20005-01

Peak Power 4 x 30W

DC Output 19V / 6.31A Max

USB-A Output 5V 3.4A / 9V 2.5A / 12V 2A Max

USB-C Output 5V 3A / 9V 3A / 12V 3A / 15V 3A Max

Weight 10.5 lbs.

Dimensions (Folded) 18.5" x 17.0" x 1.96"

Dimensions (Unfolded) 76.38" x 18.5" x 0.98"

Cell Type Monocrystalline



STATEMENT

Copyright. All rights reserved

All trademarks cited herein are the property of their respective owners.

The information contained herein is subject to change without notice.

The only warranties for products and services are outlined in the warranty statements accompanying such products and services.

We shall not be liable for technical or editorial errors or omissions contained herein.



POWER AHEAD®

LIMITED WARRANTY

Equity Sales & Marketing, Inc., ("ESM") warrants this product. We assure the original purchaser that our products are free of defects in workmanship and materials during the applicable warranty period determined in the "Warranty Period" section below, but the exclusions set below are excluded.

This warranty is only valid in the United States and its territories.

This warranty statement sets our total and exclusive obligations of ESM. We will not assume nor authorize any person to assume for us any other liability related to the sale of our products.

Further, this warranty does not cover cosmetic damage to the product.

Warranty Period

The warranty is for 12 months for the original consumer-use purchaser from the date of purchase. For California residents, this warranty commences on the delivery date of product to the consumer, instead of the date of purchase. To determine the start date of the warranty period, a sales receipt from the first consumer purchase or other reasonable documentary proof is required.

For commercial use or rental service the warranty is 90 days from date of purchase.

Repair or Return Processing

We will repair or replace any products that cannot be operated due to defects in workmanship or materials within the applicable warranty period. If a valid claim is filed within the applicable period, we can choose:

1. Repair of the product; or
2. Replacement or exchange for products of equal value. The replacement product bears the remaining warranty period of the original product or replaces it for 90 days from the date of receipt by customer after the return, whichever is greater. The customer is responsible for the shipping cost of the return.

Exclusions

The warranty does not apply to any product modified, altered, tampered with, misused, abused, damaged by accident, damaged by acts of nature, or used for anything other than everyday consumer use as authorized in current product literature or any product purchased through an online auction house. The warranty does not cover use with equipment other than DieHard portable power stations.



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LIMITED WARRANTY (CONT.)

This limited warranty is the sole and exclusive warranty for the ESM product. No employee, agent, dealer, or other person is authorized to alter this warranty or make other warranty on behalf of ESM.

REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY TO THE CONSUMER. WE SHALL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT, EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW. ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY. OUR LIABILITY UNDER ANY CIRCUMSTANCES WILL NOT EXCEED THE PURCHASE PRICE FOR THE PRODUCT FOR WHICH LIABILITY IS CLAIMED.

The foregoing obligations are in lieu of all other obligations and liabilities including negligence and state our entire exclusive liability and the customer's exclusive remedy. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow the exclusion or limitation of incidental or consequential damages, or allow limitations on how long an implied warranty lasts, if so, the above limitations or exclusions do not apply to you.

Customer Service

For customer service, please visit: www.diehardpowerstations.com/product-support