



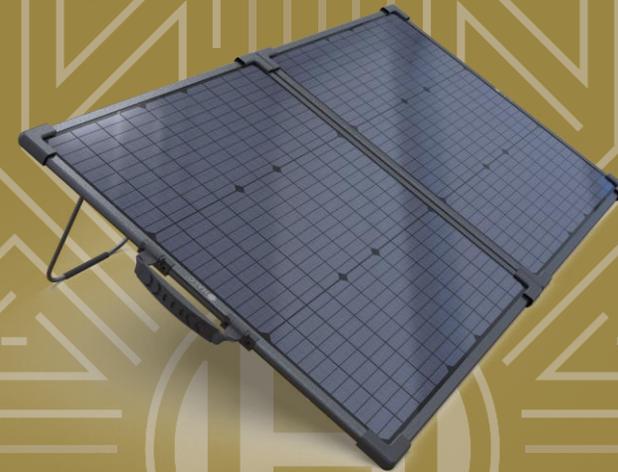
HALO[®]

100W PORTABLE
SOLAR PANEL



PRODUCT REGISTRATION

www.HALOPOWER.com



Operating Instructions

PLEASE READ BEFORE OPERATING THIS EQUIPMENT

FOR ALL QUESTIONS ABOUT THE WARRANTY
OR EXCHANGE REQUESTS, CONTACT US.

1-800-255-6061

THANK YOU

We appreciate your business and would like to thank you for choosing HALO!

Your safety is important to us.

Please read the instructions carefully and utilize the proper precautions before operating this equipment.

WARNING

Please read the following instructions for safety before use. Improper use may result in fire, property damage or personal injury or death. DO NOT use the product with incompatible components or alter the product in any way.

WARNING

Improper use may result in fire, property damage, or personal injury. Make sure to use the product according to the following safety rules and guidelines.

WARNING

Do not expose the product to any liquid or submerge in water. Doing so may the product to malfunction or shorten its lifespan.

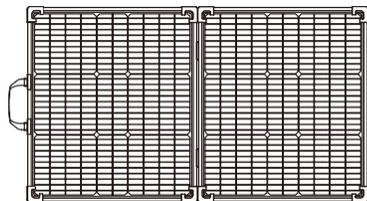
SAFETY INSTRUCTIONS

Read the following instructions to ensure safe usage:

A CAUTION - Read all safety information before using this product. Failure to follow these instructions may result in electrical shock, explosion, fire which may result in serious injuries, death or property damage.

- Read all instructions before using the product.
- Misusing or incorrectly connecting your HALO IOOW Solar Panel may cause electric shock to users and damage equipment.
- **Do not expose your HALO IOOW Solar Panel to moisture, water, rain, or snow. Do not immerse in water.**
- Keep your HALO IOOW Solar Panel away from heat sources, including open flames, radiators, stoves, ovens, and any other devices that produce heat.
- Do not expose to heat above 212° F (100° C) or incinerate.
- Do not disassemble your HALO IOOW Solar Panel.
- Do not bend, puncture, crush or subject to mechanical shock.
- The HALO IOOW Solar Panel, along with its accessories, are not toys and should be kept away from children.
- Do not clean your HALO IOOW Solar Panel with harsh chemicals, soaps or detergents.
- Do not attempt to charge an automotive battery directly with the solar panels.
- Solar panels should be recycled or disposed of as per state and local guidelines.

PACKING LIST



100W Portable Solar Panel
(The junction box includes an integrated output
cable with an Anderson connector)

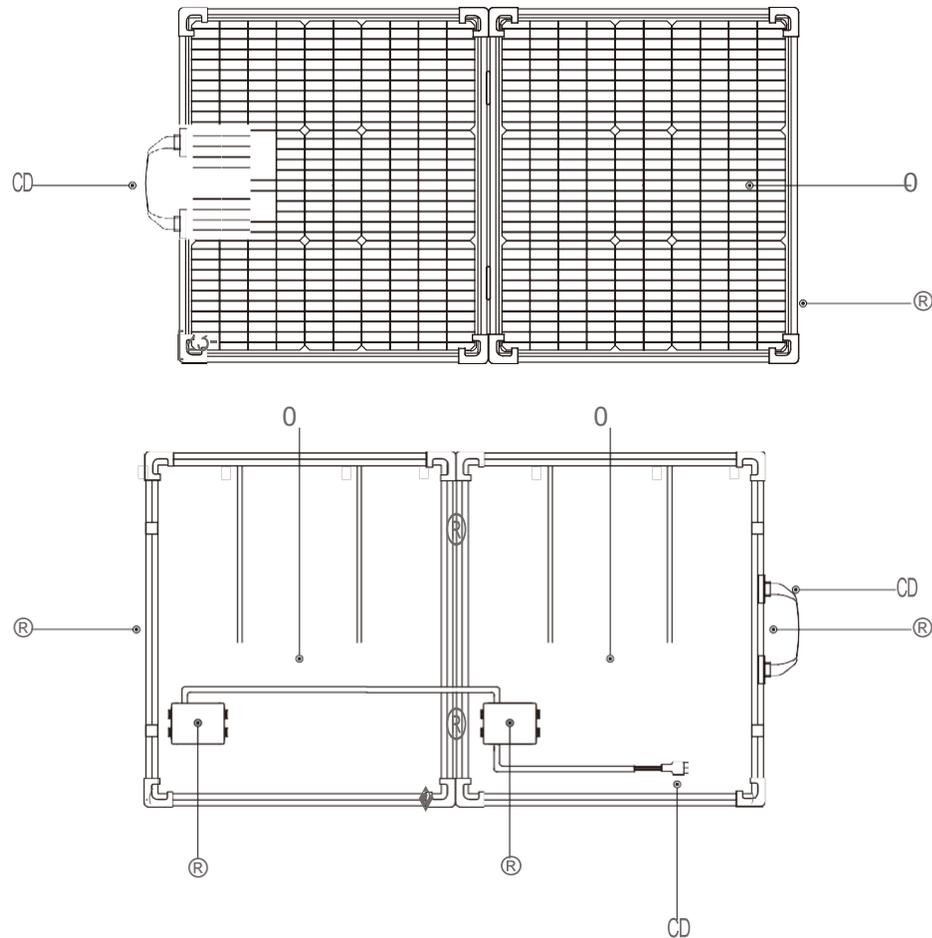


User Manual

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PRODUCT DESCRIPTION



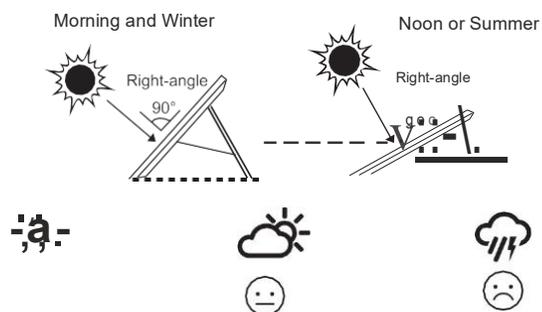
- | | |
|--------------------------------|------------------------------|
| 1. Carrying Handle | 5. Hook and Loop Closures |
| 2. Monocrystalline Solar Cells | 6. Integrated Junction Boxes |
| 3. Sturdy Aluminum Frame | 7. Integrated Anderson Cable |
| 4. Adjustable Kickstands | |

TROUBLESHOOTING

Issue	Cause	Solutions
The solar panel is not charging.	<ol style="list-style-type: none"> 1. The output connector is not plugged in properly. 2. The solar panel is not getting enough sun light. 3. The surface of the solar panel needs to be cleared of dust or debris. 	<ol style="list-style-type: none"> 1. Unplug the Anderson cable and plug it back in. 2. Readjust the solar panel to face the sun. 3. Clean the surface of the solar panel with a clean cloth. Avoid objects that will block the sun.
The electronic devices are charging slowly.	The solar panel is not getting enough sun light due to poor lighting conditions.	Check the environment or weather: There will be lower power generation on cloudy and rainy days.

SETUP

1. Unfold the solar panel.
2. Extend the support kickstands to the desired position and lock them in place.
3. Plug the Anderson Cable from the solar panel into your power station.
4. Angle the solar panel at a 90-degree angle to the sun.



PRODUCT MAINTENANCE AND STORAGE

Equipment cleaning

Please make sure that the device is disconnected from all input power and output devices. Wipe with a clean, dry, non-soft cotton cloth. Remove all any foreign objects, dirt or other obstructions.

Do not use corrosive cleaners or solvents.

Storage

Keep it indoors, at normal temperature.

Excessive temperature will lead to reduced service life, overheating and fire. Extremely cold conditions below the specified storage range can also impair the performance and service life of the equipment. Please keep away from corrosive chemicals and gases. After taking it out of storage, perform a visual inspection to ensure that the appearance of the

equipment and all accessories are qualified.

Disposal/recycling

- Do not put the device and its accessories in the trash can. Items must be properly handled in accordance with local laws and regulations. For additional information, please see www.epa.gov.

Affirm

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Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Note

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment *off* and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement.

The device can be used in portable exposure condition without restriction.

Company Name: ALLIANCE CONSUMER GROUP

Address: 700 HENRIETTA CREEK ROAD ROANOKE, TX 76262

TECHNICAL SPECIFICATIONS

Max Output	100W
Open Circuit Voltage	20.52V
Maximum Working Voltage (V _{oc})	17.1V
Short Circuit Current (I _{sc})	6.14A
Maximum Working Current (I _{mp})	5.84A
Tolerance	±5%
Solar Cell Conversion Rate	≥ 22.4%
Solar Cell Type	Monocrystalline
Lamination	ETFE (Ethylene Tetrafluoroethylene)
IP Rating	IPX7
Folded Dimensions	20.51 x 23.46 x 1.02 inches (521 x 596 x 26 mm)
Open Dimensions	40.91 x 23.46 x 1.50 inches (1039 x 596 x 38 mm)
Weight	8.6 lb (3.9 kg)
Operating Temperature Range	-40° F - 185° F (-40° C - +85° C)

LIMITED WARRANTY

At HALO, we are dedicated to making the best quality products. To back this up, this product is warranted. HALO warrants its products to be free from defects in material and workmanship under normal use. During the first 90 days from date of purchase, HALO will repair or replace the defective product. This warranty does not affect any statutory rights that you may be entitled to. Keep a copy of your purchase receipt as proof of purchase.

**FOR ALL QUESTIONS ABOUT THE WARRANTY
OR EXCHANGE REQUESTS, CONTACT US.
1-800-255-6061**

