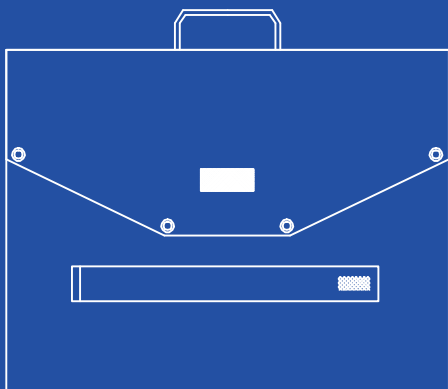


  
**HALO**<sup>®</sup>  
SOLAR PANEL



OPERATING INSTRUCTIONS  
PLEASE READ BEFORE OPERATING THIS EQUIPMENT



## SAFETY PRECAUTIONS

**Read and understand all safety information before using this product.**

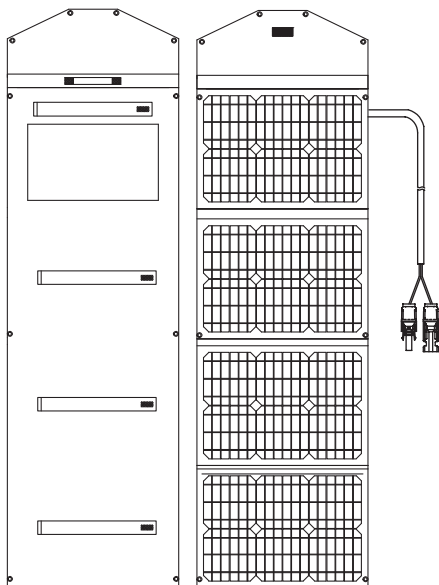
- Misusing or incorrectly connecting your HALO SOLAR PANEL may cause electric shock to users and damage equipment.
- Do not operate in explosive atmospheres such as in the presence of flammable liquids, gases or dust.
- Do not expose your HALO SOLAR PANEL to moisture, water, rain, or snow.
- Keep your HALO 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 SOLAR PANEL. There are no user-serviceable parts inside.
- Do not drop or subject to strong impacts.
- Do not bend, puncture, crush or subject to mechanical shock.
- The HALO SOLAR PANEL, along with its accessories, are not toys and should be kept away from children.
- Do not clean your HALO SOLAR PANEL with harsh chemicals, soaps or detergents. Just wipe the case with a soft cloth.
- Keep electronic devices that are being charged with the HALO SOLAR PANEL out of direct sunlight.
- Do not immerse the solar panel in water.
- Do not attempt to charge an automotive battery directly with the solar panels.

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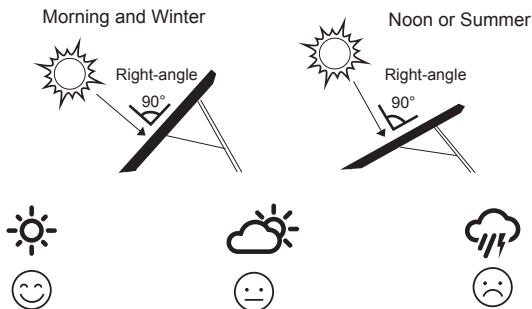
## INCLUDED ITEMS

- HALO SOLAR PANEL 100W
- 1M MC4 to DC5525 Cable

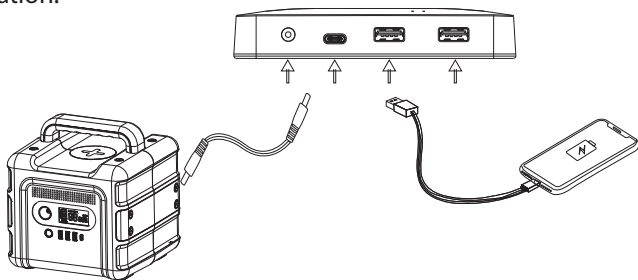


# OPERATING INSTRUCTIONS

1. Unfold the solar panels. For optimal solar radiation, please angle the solar surface and the sunlight at 90°.



2. Connect the MC4 to DC5525 Cable to the HALO Power Station.



## NOTE:

- A USB cable (not included) can be used to charge your electronic devices. Connect the USB cable to your electronic device to begin charging.
- Do not place electronic devices in direct sunlight or in an overheated environment. Electronic devices can be placed in the pocket of the HALO SOLAR PANEL.

## **TROUBLESHOOTING**

### 1. Why is the electronic device not charging?

- Check to see if the output connector is plugged in properly, or if the cable is faulty. Replug the cable or replace with a new one.
- Readjust the HALO SOLAR PANEL to face the sunlight.
- Check to see if the surface of the HALO SOLAR PANEL is contaminated with dirt or debris and clean the surface of the panel with cloth. Avoid other obstruction blocking the solar panel.

### 2. Why are the electronic devices charging slowly?

- Check the environment or weather: There will be lower power generation on cloudy and rainy days.
- Replug the charging cable to confirm.
- Do not place electronic devices in direct sunlight or they can overheat.

### 3. Is the HALO SOLAR PANEL waterproof?

- The HALO SOLAR PANEL should not get wet to expand the life of the unit.

## SPECIFICATIONS

Model:	SP-100
Peak Power:	100W
Cell Efficiency:	20%
Output Voltage:	18V
Output Current:	5.28 A
Open Circuit Voltage:	22.5V
Short Circuit Current:	5.81A
USB Output 1:	5V==2.4A
USB Output 2:	5V==3A; 9V==2A; 12V==1.5A
Type-C Output:	5V==3A
DC Output:	12-18V
MC4 Output:	12-18V
Folded Dimensions:	19.9 x 14.6 x 1.4 inches
Unfolded Dimensions:	66.8 x 19.9 x 0.2 inches
Operating Temperature Range:	-10°C~70°C (14°F~158°F)



## **FCC RADIATION EXPOSURE STATEMENT**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body. Any changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## **COMPLIANCE WITH FCC REGULATION**

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.

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.

**CAUTION:** To comply with the limits of the Class B digital device, pursuant to Part 15 of the FCC Rules, this device must be used with certified peripherals and shielded cables. All peripherals must be shielded and grounded. Operation with non-certified peripherals or non-shielded cables may result in interference to radio or reception.

## **LIMITED WARRANTY**

HALO warrants its products to be free from defects in material and workmanship under normal use.

For all questions or exchange requests, please call 888-907-6274, contact us at [zagg.com/support](http://zagg.com/support) or visit [www.zagg.com/warranty-policies](http://www.zagg.com/warranty-policies).

This Limited Warranty sets forth the full scope of HALO's obligations and liabilities with respect to the product. All implied warranties, including without limitation the implied warranties of merchantability and fitness for a particular purpose, are limited to the duration of this Limited Warranty. In no event shall HALO be liable for any incidental, special, consequential or punitive damages or any damages or losses of or to electronic equipment or products that are used with any of HALO's products.

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



FOR TECHNICAL SUPPORT PLEASE  
CONTACT US AT:

**ZAGG.COM/SUPPORT**  
OR  
CALL US AT: **888-907-6274**

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**910 W LEGACY CENTER WAY**  
**STE. 500, MIDVALE, UTAH 84047**

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