

VEVOR

Affordable. Reliable. Home Improvement.

**SOLAR CHARGER
MODEL:20W**

VEVOR Support Center



20W

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SOLAR CHARGER

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This is the original instruction, please read all manual instructions carefully before operating. VEVOR reserves a clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there are any technology or software updates on our product.



Warning-To reduce the risk of injury, user must read instructions manual carefully.

FCC Information:

CAUTION: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment!

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- 1) This product may cause harmful interference.
- 2) This product must accept any interference received, including interference that may cause undesired operation.


WARNING: Changes or modifications to this product not expressly approved by the party responsible for compliance could void the user's authority to operate the product.

Note: This product 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 product 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 product does cause harmful interference to radio or television reception, which can be determined by turning the product 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 distance between the product and receiver.
- Connect the product to an outlet on a circuit different from that to which the receiver is connected.



	<p>· Consult the dealer or an experienced radio/TV technician for assistance.</p>
	<p>CORRECT DISPOSAL</p> <p>This product is subject to the provision of European Directive 2012/19/EC. The symbol showing a wheeled bin crossed through indicates that the product requires separate refuse collection in the European Union. This applies to the product and all accessories marked with this symbol. Products marked as such may not be discarded with normal domestic waste, but must be taken to a collection point for recycling electrical and electronic devices</p>

Photovoltaic Module Product Manual

1、 Product Overview

1. **Product name:** 20W
2. **Product application:** It is used in solar photovoltaic power generation systems to convert light energy into electrical energy, providing clean energy for households, street lighting equipment, small-scale energy storage, etc.
3. **Product Features:**
 - (1) High photoelectric conversion efficiency and increased power generation;
 - (2) High transmittance tempered glass, anti impact, anti aging;
 - (3) Sealed and waterproof design, suitable for all kinds of harsh weather conditions;
 - (4) Long life cycle and low maintenance cost.

2、 Technical parameters

Project	Parameters	Remarks
Peak power (Pmax)	20W	Test conditions: Solar radiation simulator with a voltage limit of 15V
Working voltage (Vmpp)	15V	When paired with the MPPT controller, it can automatically identify and adjust the voltage
Working current (Impp)	1.30A	
Battery cell type	Single crystal silicon	
Protection grade	IP67 Dust-proof and water-proof grade	
Temperature range	-40℃ ~ +85℃ Working and storage temperature	

Each set of this product comes with the following accessories:

- Crocodile clip wire:3100mm(tolerance-50mm+100mm)
- ring wire: 1100mm
- screw(M8)x4
- Philip's head screw(M6)x4
- Hex head screw(M6)x4
- Sheep horn nut(M6)x8
- Bracket panel x1: 347*219*61mm±0.3mm

- Bracket accessory 1 x1: 145*70*87mm±0.3mm
- Bracket accessory 2 x1: 140*70*21mm±0.3mm

3、Installation Guide

1. Preparations before installation:

- (1) Confirm that the installation location is unobstructed and well-lit;
- (2) Check that the structure of the support is stable and meets the load-bearing requirements;
- (3) Prepare the installation tools and accessories (bolts, connectors, etc.).

2. Installation steps:

- (1) Fix the components on the bracket and make sure the screws are tightened;
- (2) Connect the positive and negative poles of the connector to the energy storage or the device;
- (3) Check the insulation of the circuit and the reliability of the connection

Installation Manual for Solar Casing Brackets

Installation Method



Physical picture of the finished product installation

Step 1: Fix the adjusting iron part onto the support plate.

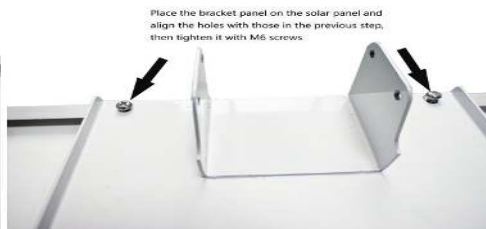
Step 2: Fix the solar panels onto the support plate with screws and tighten it.

Fix it with the screws shown in the figure.

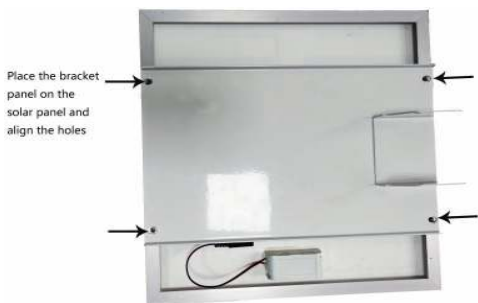
Step 3: Install the entire adjustable iron Part that has been installed the module is fixed on the entire fixed plate The anode plate and the casing support have been installed as a whole"Ok.



1



2



3



4



5



6

Attention: The tools required for installation need to be purchased by the customer themselves.

4、 Precautions:

- (1) Avoid scratches or impacts on the component surface during installation;
- (2) Avoid scratches or impacts on the component surface during installation;
- (3) Make sure the positive and negative poles are connected correctly to prevent short circuits。

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