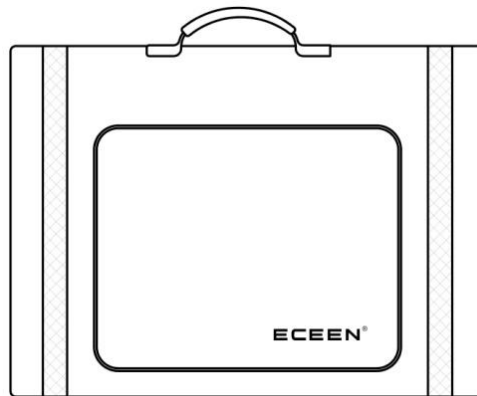


ECEEN Squamae Solar Panel Manual

Thank you for choosing ECEEN portable solar panel, for optimum performance and safety, please read the instructions carefully before usage. Please keep this manual for future reference.

This manual suitable for ECEEN Squamae solar panel series products, and the item no are: Squamae 20, Squamae 30, Squamae 40, Squamae 60, Squamae 90, Squamae 100, Squamae 120, Squamae 150, Squamae 200, Squamae 250 and so on.



ACCESSORIES

- 1 X User's Manual
- 1 X 1.5m 2.1mm DC to MC4 adapter cable
- 1 X 1.5m 2.1mm DC to Anderson adapter cable
- 1 X 1.5m 2.1mm DC to 2.1mm DC cable
- 1 X 5.5*2.1mm DC to 1.35mm DC adapter
- 1 X 5.5*2.1mm DC to 5.5*2.5mm DC adapter
- 1 X 5.5*2.1mm DC to 8mm DC adapter
- 2 X USB-A ,1 X USB-C, 1 X DC5.5*2.1Female (Equipped with Solar Panel)

TECHNICAL SPECIFICATIONS

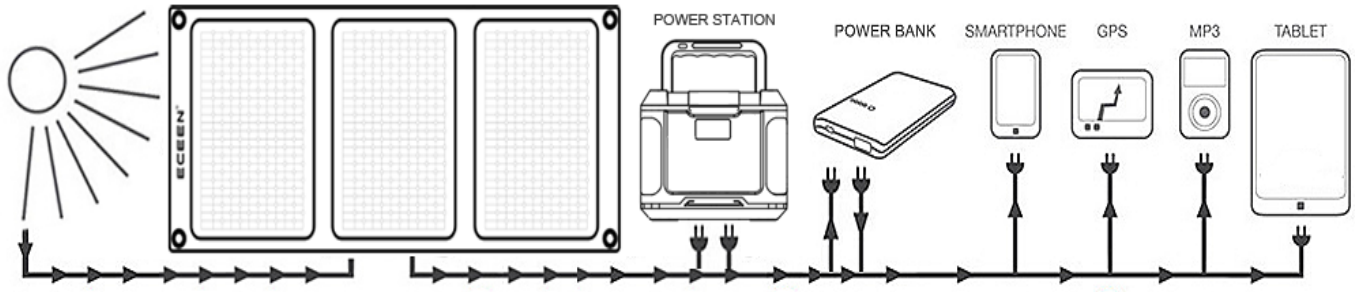
- DC Output: 18V
- USB-A Output 1: 5V3.4A/9V2.5A/12V2A Max
- USB-A Output 2: 5V3.4A/9V2.5A/12V2A Max
- USB-C Output: 5V4.5A/9V3A/12V3A/15V3A Max
- Cell Type: Monocrystalline

WIDE COMPATIBILITY

- QC 3.0 USB Port: Compatible with phones, tablets, DV, etc which can support QC 3.0, and the device is 5V3.4A/9V2.5A/12V2A Max
- Type-c Port: Compatible with phones, tablets, DV. The device is 5V4.5A/9V3A/12V3A/15V3A Max
- 18V DC port: With an Anderson cable can compatible with the Anderson input of portable power station.
- With 3 in 1 adapters included: 5.5*2.1mm, 5.5*2.5mm & 8mm, connector can support most brand power stations in market.

HOW IT WORKS

1. Unfold the charger and place the panes under direct sunlight;
2. Connect your device to the charger
3. Keep your device cool while charging. Place it under the panel in the pocket of the panel, or in the shade to avoid overheating.

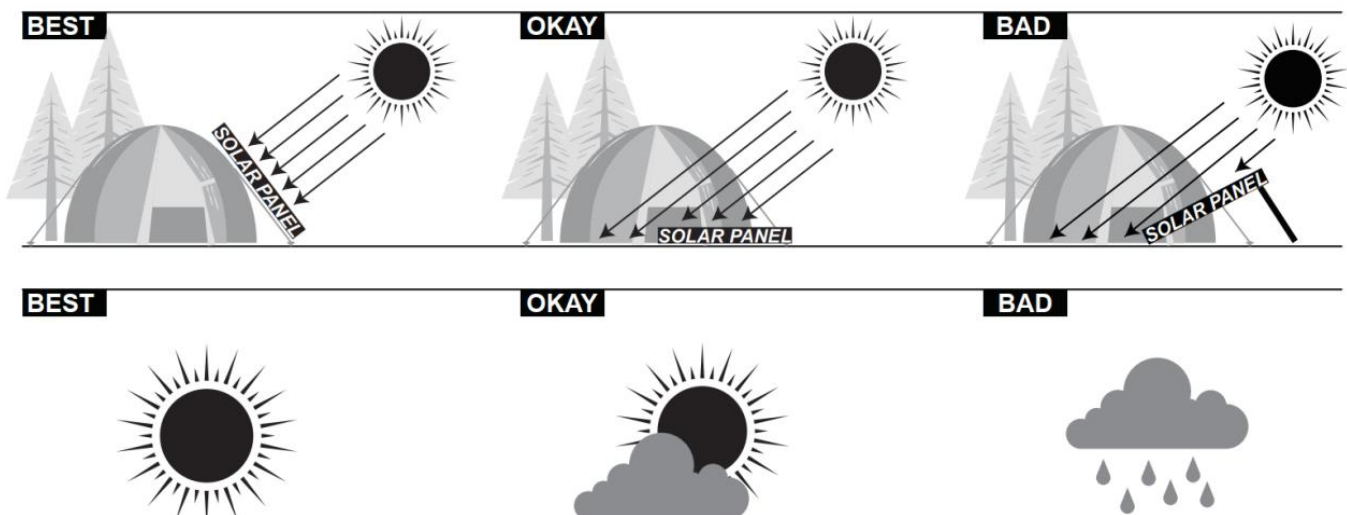


CAUTIONS

- Do not immerse in water.
- Do not destroy it in any way.
- Avoid extreme temperature.
- Do not disassemble.

USING TIPS

- Please make sure that the connecting cables match Solar Panel and charging equipment. Please use your original data cable which is accompanied with your devices or our cables, as some non-branded data cables with high internal resistance might bring up to 50% energy loss.
- In theory, Solar Panel can charge all kinds of batteries. It depends on the charging circuit of the batteries. Please make sure that the charging voltage of the Solar Panel matches the input voltage of your batteries.
- 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 using correctly
- The output power of Solar Panel is related to the intensity and angle of sunlight. Solar Panel form a 90-degree angle with sunlight has the best charging efficiency. To ensure your user experience, please use Solar Panel in a place with sufficient sunlight.



WARNINGS

The warnings in this manual cannot cover all possible conditions or situations that could occur. Using this product with common sense and caution. Always be aware of the environment and ensure that the product is used in a safe and responsible manner.

- Do NOT operate or assemble the Solar Panel until reading this manual and understanding how it works.
- When using the solar panel, place it upward in direct sunlight to ensure the best charging effect.
- Use the Solar Panel to charge proper equipment. Do NOT attempt to force it to do the work of larger industrial equipment.
- 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 or step on it.
- Do NOT immerse the Solar Panel in water. Try to avoid exposure in the rain and moist environments. Scrub the Solar Panel with a damp cloth when clean it.
- Keep the Solar Panel away from excessive-high temperatures, such as fire or heater. Do NOT put the Solar Panel into a fire or apply direct heat to it.
- Do NOT contact the Solar Panel with strong corrosive objects.
- Do NOT modify this product in any way. Unauthorized modification may impair function and safety. Also, it could affect the life span of the product.

FREQUENTLY ASKED QUESTIONS

Q: Is the Solar Panel waterproof?

A: Both sides of the Solar Panel are protected well from splashing water.

However, the connectors which on the bag are not waterproof.

Do not immerse the Solar Panel in water, and we don't recommend using the Solar Panel in the rain and moist environments.

Q: Is this chainable with other Solar Panels?

A: Yes. You can chain other Solar Panels that have the same nominal output voltage power in parallel. You should note that the superimposed current cannot exceed the current that the connecting cables and plugs can bear. Our warranty does not cover any property loss caused by misoperation when chaining Solar Panels

Q: What if the foldable USB port solar charger is not charging my devices?

A:1. Check the manual of your device to ensure the input voltage fits 5V or support QC3.0&PD.

2. Cloudy weather and indirect sunlight may cause fluctuations in the current.

This in turn may hinder or prevent charging. Place the Solar Panel in direct sunlight or wait for the weather to clear.

3. Wipe the panels clean with a damp cloth between usage to prevent scratching.

4. Avoid exposure to fire, water and chemical liquid

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 most of brands portable power stations with appropriate power.

Note that charging power station which has excessive power will lead to longer charging time.

Q: If my USB device needs an input current of 1A, will the 2A output of the solar panel damage it?

A: No. This solar panel has intelligent charging, detecting the needs of your device, and delivering exactly what it needs. If your phone accepts 1A, the charger will deliver 1A

Q: Do I need to watch out for over-charging?

A: No, With multiple over charging technology, it will automatically turn off when your device ' s battery is full.

Q: What service life does this solar charger have and how long?

A: Our solar charger s made from recyclable solar panel and the solar panels belong to physical batteries which can be used for many times, even after 5 years of use and material aging, its power can still achieve more than 80%.

WARRANTY

ECEEN provides a limited warranty for the original consumer purchaser, which covers the ECEEN products from defects in workmanship and material under consumer for 12 months from the date of purchase. In order to establish the start date of the warranty period, the sales receipt from the first consumer purchase, or other reasonable documentary proof is required.

ECEEN's warranty does not apply to (i) any product that is misused, abused, modified, damaged by accident, or used for anything other than normal consumer use as authorized in ECEEN's current product literature, or (ii) any product purchased through an online auction house.

To know more and obtain warranty service, contact our customer service team at grid@eecen.com.

CONTACT US

12-month limited warranty

Lifetime technical support

Grid@eecen.com

www.eecen.com