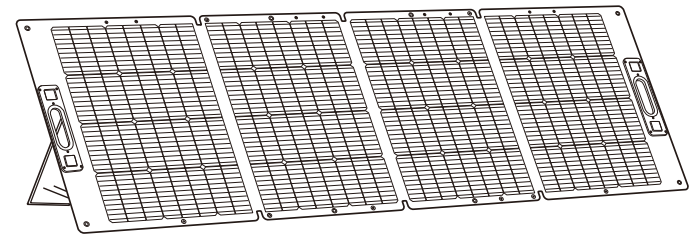




300W SOLAR PANEL

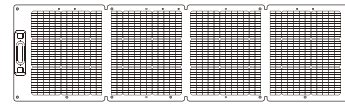
USER MANUAL



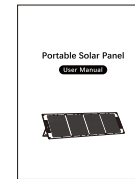
DISCLAIMER

Read all safety tips, warning messages, terms of use, and disclaimers carefully. Refer to the terms of use and stickers on the product before use. Users take full responsibility for all usage and operations. Familiarize yourself with the related regulations in your area. You are solely responsible for being aware of all relevant regulations and using our products in a way that is compliant.

PACKAGE CONTENTS



Foldable Solar Panel



User Manual

*Products or accessories excluded in this package contents are sold separately.

Warm Tips

The conversion efficiency of solar panels depends on a variety of factors, such as the amount of solar radiation, cloud thickness, dust deposition, angle of solar radiation, etc. It is generally difficult to achieve ideal conditions. Therefore, we recommend that you keep the panel surface clean and adjust the angle of the solar panel with the sun position when using it to maximize the efficiency of energy conversion.

Safety Tips

- Do not disassemble, repair or modify the device. Because this will not only cause the product to fail to operate properly, but may also cause the product to be damaged and unusable.
- Do not connect medical equipment directly related to human life or equipment that may cause personal injury on a dedicated circuit.
- Do not use, maintain, or place it in a hot place, for example near a fire, this may cause fire, burns, or injury; or cause equipment deformation, malfunction, performance degradation or shorter life expectancy.
- Do not drop things on the glossy surface of the solar panel or get a scratch.
- When the surface of the solar panel is stained with dirt, the sunlight cannot be fully received, resulting in weak power generation. Please wipe the surface of the solar panel with a soft cloth to keep the surface clean.
- Please keep it away from moisture and corrosive substances, and store in a dry environment.
- In order to ensure that the light receiving surface (board surface) of the solar panel can receive sunlight for a long time, please place it to the south. Do not place in shadows around obstacles (especially trees, telegraph poles, etc).

Certification



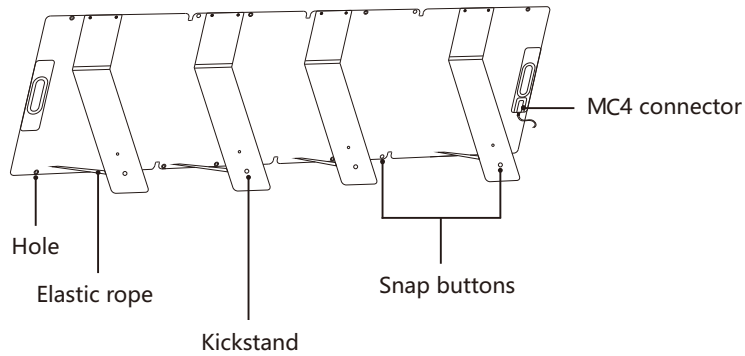
Technical Parameters

Model Number	LL-YT300W
Cell Type	Monocrystalline
Maximum Power	300W±5%
Power Voltage(Vmp)	34.5V±5%
Working Current(Imp)	8.69A±5%
Open Circuit Voltage(Voc)	43.52V±5%
Short Circuit Current(Isc)	9.56A±5%
Cell Efficiency	22%
Operating Temperature	-20°C~+60°C
Ingress Protection(IP) Rating	IP67
Fold Size	627*794*42±1mm
Unfold Size	2338*794*27±1mm
Solar panel weight (with adapter cable)	About 8.97kg

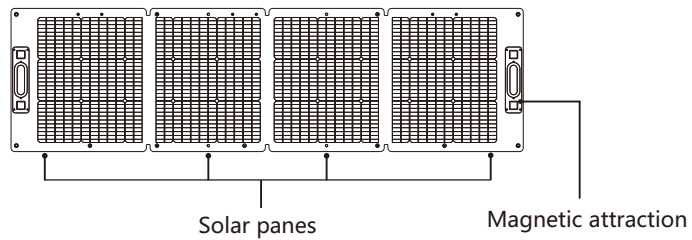
* Standard Test Conditions: 1000W/m²(92.9W/ft²), AM1.5, 25°C(77°F)

Product Introduction

Back Side:

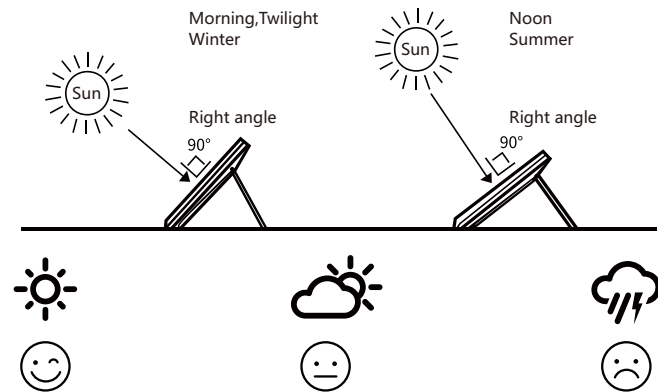


Front Side:



About the Use

1. Expand the solar panel and expose it to direct sunlight.
2. Charge according to the wiring method of the instruction manual of the machine to which it is connected.
3. Do not put the solar panel in a shady place or near a fire source.



Frequently Asked Question

Q: Why it cannot be used to charge electronic equipment?

1. Has electronic equipment or output interface been connected well?

Plug it again.

2. Does solar panel face the sunlight in the correct direction?

After the position of the sun is confirmed, please readjust the direction.
Do not place it in the shadow of trees, telegraph poles and other obstacles.

3. Is the surface of the the solar panel contaminated with dirt?

If the surface becomes dirty, wipe it with a soft wet cloth.
Never use thinner or benzine.

4. Confirm the environment or weather.

The generating capacity is low in cloudy weather.

Q: Can the solar panel generate power in cloudy weather?

Yes, it can, even though it generates much less power than in sunny weather.

Q: What is the difference between nominal output and actual output of solar panel?

The nominal maximum output power (rated output) of solar battery is a value calculated according to standard state. "Standard state" means that surface temperature of solar battery module is 25C and sunlight intensity is 1000 W/m².

Generally actual output is lower than the nominal maximum output power due to the following reasons:

- ① Installation environment or weather.
- ② Characteristics of solar battery.
- ③ Dirt on the panel surface.
- ④ The generating capacity decreases due to energy loss.
- ⑤ When only a part of the solar panels are exposed to sunlight, the power generation efficiency decreases and the power output becomes weak. Please fully expand the solar panel and do not shade it from the sun.

Warranty

The product is covered by a limited warranty from PECRON for the original purchaser that covers the product from defects in workmanship and materials for 12 months from the date of purchase (damages from normal wear and tear, alteration, misuse, neglect, accident, service by anyone other than authorized service center, or act of God are not included).

During the warranty period and upon verification of defects, this product will be replaced when returned with proper proof of purchase.

Customer Support: support@pecron.com