



# 310 kWh battery solar kit

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Split order service means that in-stock items are dispatched in the shortest possible time. If you have ordered products with different stock, lead times, warehouses and shipping methods, the AFERIY system will automatically split the order and ship it in multiple parcels. This flexible shipping method allows us to track the status of your order in a more detailed manner..

All purchases made from Amazon or Rakuten AFERIY authorized store come with an extended warranty. Purchases directly from our Official Website will receive an auto-extension.

No, it cannot. We understand your expectations for the product's performance, but it is a common phenomenon in the solar panel industry that the actual power output does not reach the rated value. The reasons are as follows: Firstly, the rated power is measured under standard test conditions, usually tested under ideal sunlight intensity, temperature, and angle conditions (the rated power of solar panels is typically measured under standard test conditions (STC), which is power measured under conditions of 1000W/m<sup>2</sup> of light intensity, 25° temperature, and vertical sun angle).

However, factors such as actual installation environment, sunlight intensity, temperature, and shading can affect the power output of solar panels. These conditions may not be fully met, resulting in actual output power lower than the rated power. Therefore, under optimal conditions, the actual power output of a 400W solar panel would be around 300-320W (about 75%-80%).

To protect your portable power station and connected devices, it is recommended to ensure that the output power, voltage, and current of the solar panel are within the specifications of the AFERIY portable power station when purchasing or using it.

After sunrise on the second day, it can automatically restart and resume charging. However, please note that weak sunlight during sunrise and sunset may result in repeated charging and restarting of the product (equivalent to repeatedly plugging and unplugging the charging plug of the solar panel) and repeated activation of the internal relay of the AFERIY portable power station. It is recommended to unplug the charging plug when there is insufficient energy conversion from the solar panel and charge when there is sufficient light and stable energy conversion.

The AFERIY solar panel has undergone extensive reliability testing and has an IP65 waterproof rating. However, in order to achieve a longer lifespan in suitable environments, we do not recommend prolonged direct exposure to rainwater.



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