

# Home use 80W solar all-in-one machine







#### **Overview**

### Are DIY solar panels UL certified?

Connect some batteries and solar panels, change the settings, and you are done. The DIY battery community has used these units 24/7 for years! They are extremely dependable. As of 2021, they are now UL certified! This means that the components inside the units are high quality.

How many Watts Does a solar inverter need?

Because the idle consumption is high on these all-in-ones, you will need at least 400 watts of solar panels attached to your system to offset the loss. If you do not plan to have your inverter on 24/7, this is not a problem. Some models have a lower solar panel array input voltage (usually 60-148VDC).

Do I need a combiner box for a solar array?

If you plan to connect a large solar array, you will probably need to put your panels in parallel to keep the voltage down. When you have more than 2 strings of panels in parallel, you need over current protection for each string. This is easily accomplished by using a combiner box. They are available below.



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Geneverse HomePower ONE PRO Solar Generator with Double AIR 80W Solar

The Geneverse® HomePower ONE PRO Solar Generator with Double AIR 80W Solar Panel Bundle offers clean, smart, reliable, and ecofriendly power for your home at a reasonable price.

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