

HOME BATTERY BACKUP

Why a home battery?



SAFETY

Many solar systems will not work in a power outage. Fire codes dictate that there can't be electricity going back to the grid in an emergency. When you install a battery backup system, your solar continues working when the power goes out.

SAVINGS

Ironically, most of your usage is in the evenings, when solar panels are not producing. A home battery enables you to store your electricity from the sun or other renewables for on-demand use. This allows you to offset much more of your electricity usage.

CONCEPT

Store your power for later use. A home battery can not only reduce your utility bill, but also allow you to take your home off-grid. Store the renewable energy you harness from wind/solar to further benefit your home and environment.

HOW MUCH BATTERY POWER DO I NEED?

Battery capacity is typically measured in kWh, just like your electricity usage on your bill. Most people use about 33% of their electricity during the day while solar is producing. This means that around 67% of your electricity usage isn't actually being covered by your solar! To best size your system you need to know what your goals are: going off-grid, saving money, or cost-effective backup.

As an example: If you use 30 kWh a day and your solar covers 10 kWh, you have 20 kWh left that need to be covered. The three battery sizing options would be: 20 kWh (off-grid), 10 kWh (money savings), or 5 kWh (cost effective backup).



HOMEGRID

Life Uninterrupted



SAFETY

Our batteries are made with LFP (Lithium Iron Phosphate). This formula is heavier than others, but is much safer and has a longer lifespan. Avoid recalls and insurance claims. Your battery should help your home, not burden it.

SIZING

Our batteries are modular, meaning you can stack them like blocks. This enables custom sizing depending on your desire/needs and makes future expansion very easy and cost-effective. Each module is 4.8 kWh giving you a range of 9.6- 38.4 kWh per Stack.

SPECS

Whole-home backup has been a claim for years, but few companies can follow through on this without putting batteries all over your walls. With a 14.4 kW continuous draw and a 16.8 kW surge, our batteries can handle everything in your home. Everything.

WARRANTY

Many manufacturers state they offer a 10-year warranty, but make sure you read into what that means. Some companies have a tiered warranty where you get paid a fraction of the product worth as time goes on.

At HomeGrid, our 10-year warranty covers full cost of our product over the entire 10 years and 1 cycle a day. Our batteries have been tested to 9000 cycles and are serviceable for 25 years! Power on and reach out today!

HOMEGRID

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