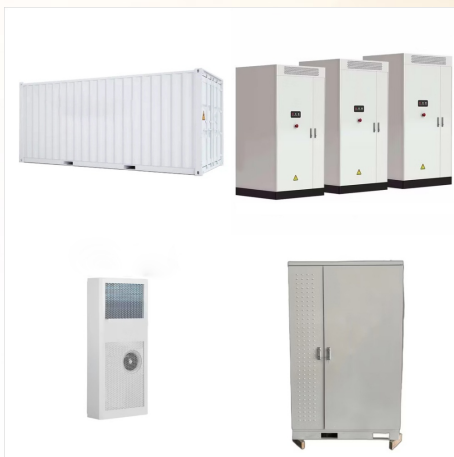


? For off-grid use, the Zenaji Aeon comes with a whopping 20-year guarantee that it'll produce 80% of its original capacity, though most solar batteries for all use cases come with 10- to 12-year



Home battery backup systems are large, rechargeable batteries designed to power your home during electrical outages. They can charge through the electrical grid or, more commonly, through solar panels installed on your property.



A home battery backup system is an energy storage solution that stores electricity for use during power outages or high-demand periods. When connected to your home's electrical system, these batteries can supply power during blackouts, offering an alternative to ???



Whether partial or whole-home, battery backup systems insulate you from disruptions caused by power outages, effectively boosting your home's resiliency. Pairing your solar panels with a battery backup system provides you with renewable resilience.



? A basic SimpliPHI LFP system with an inverter and two battery packs costs about \$12,000. If you want whole-house energy or are off the grid, consider a battery "cabinet" of six or more units, at \$15,000 and up, exclusive of solar panels. Both types are eligible for the 30 percent energy tax credits enacted in 2022.