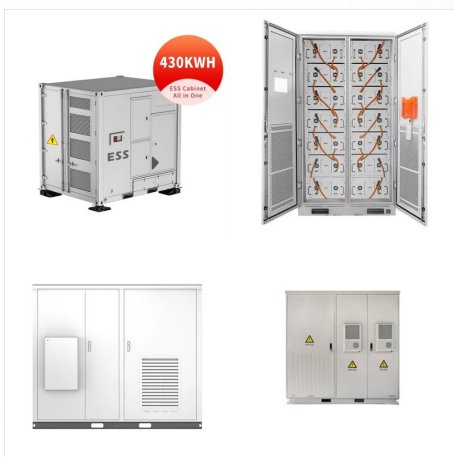




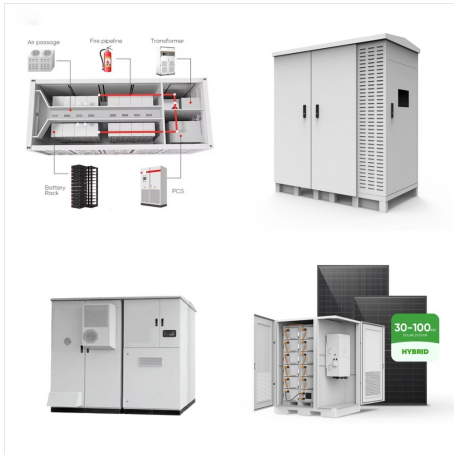
Let's start with the environmental benefit that most people associate with solar panels: Reducing carbon emissions. Lifecycle emissions of solar vs fossil fuels. Perhaps the biggest environmental benefit of solar energy is its incredibly small carbon footprint.



But the benefits of going solar reach beyond energy savings and touch everything from home value to the long-term health of the global ecosystem. The five main advantages of solar energy are: Energy savings. Versatility. Environmental benefits. Increased home value. Long performance warranties.



Using solar energy can help reduce your electricity bills. When you generate your own electricity with rooftop solar panels, you can reduce your reliance on the electricity grid. This should result in lower monthly energy expenses.



Solar energy is radiation from the Sun that is capable of producing heat, causing chemical reactions, or generating electricity. The total amount of solar energy incident on Earth is vastly in excess of the world's energy requirements and could satisfy all future energy needs if suitably harnessed.



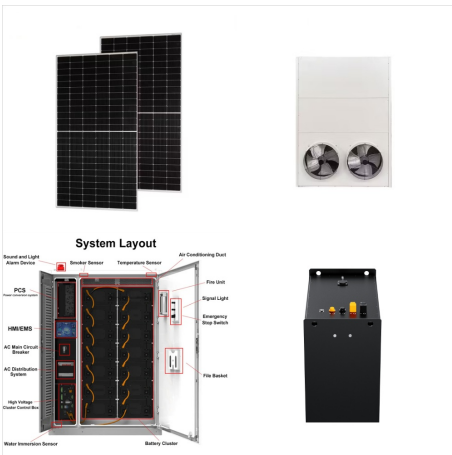
Benefits of Residential Solar Electricity. Solar energy is sustainable, renewable, and plentiful. As the cost of using solar to produce electricity goes down each year, many Americans are increasingly switching to solar. Now, there are over a million solar installations across the country.



Millions of Americans are deciding to power their homes with solar energy???especially as costs have decreased???but an investment in solar generates more than just clean energy. It can support household savings, energy independence, economic opportunities, grid resilience and security, and a safer planet.



Solar panels draw their energy from the renewable resource that is our sun. Not only does installing a solar energy system reduce your reliance on fossil fuels (which improves your air quality and protects the environment), but it can also save you \$25,000 to over \$110,000 over its lifetime.



Solar drastically reduces, or even eliminates your electric bills. The top benefit of solar panels is pretty straightforward. When you install solar panels at your home, you generate your own electricity, become less reliant on your electric ???