

ADVANTAGES AND DISADVANTAGES OF PHOTO VOLTAIC SYSTEMS

In the race to reach net-zero emissions, countries around the world are looking to scale up and eventually depend on renewable energy to substitute polluting fossil fuels. Solar is the most abundant, fastest, and cheapest energy source on Earth, and it generates minimal greenhouse gas emissions. Although this renewable energy is rapidly growing across the globe, with an increasing number of countries investing in it, there are some factors that could hinder its growth. What are the main advantages and disadvantages of solar energy?

ADVANTAGES	DISADVANTAGES
1. Solar is a Renewable Energy Source	1. Solar Energy panel needs a lot of space
2. Solar Energy is immensely abundant	2. Solar Energy is weather dependent
3. Solar technologies are getting more efficient	3. DC equipments are expensive
4. Solar panels are getting cheaper	4. Solar energy is still expensive for households
5. Solar life cycle generates minimal greenhouse gas emissions	5. Solar power plants are not the most environmentally friendly option

Yet, beyond these advantages and disadvantages, a pivotal question arises: how can we make the most of solar energy's strengths while effectively tackling its weaknesses?