

# **Self-circulating solar energy system**



## **Battery String-S224**

- 1C Charge/Discharge
- Easy configuration and maintenance
- Power supply can be single battery string or parallel battery strings

## Overview

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What is solar energy?

solar energy, radiation from the Sun 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 current and anticipated energy requirements.

What if I have a question about a solar project?

If you have a question about any project information, email [solar@ee.doe.gov](mailto:solar@ee.doe.gov). Solar energy is the fastest growing and most affordable source of new electricity in America. As the cost of solar energy systems dropped significantly, more Americans and businesses are taking advantage of clean energy.

What are the benefits of a community solar system?

Solar energy creates household savings. Solar owners can reduce their energy bills with savings that will accrue for the lifetime of the system. Community solar can provide savings for those who rent their homes or whose roofs aren't suitable for solar panels. Solar deployment generates economic opportunities.

What is solar energy & how does it work?

Solar energy is a very flexible energy technology: it can be built as distributed generation (located at or near the point of use) or as a central-station, utility-scale solar power plant (similar to traditional power plants).

How does solar power benefit the environment?

Solar power benefits the environment. Adopting renewable energy helps to improve air and water quality and helps the country reduce greenhouse gas emissions that exacerbate climate change. DOE partners with national labs to develop innovations that lower the costs of solar energy.

## What are the basics of solar energy technology?

Learn the basics of solar energy technology including solar radiation, photovoltaics (PV), concentrating solar-thermal power (CSP), grid integration, and soft costs. Learn More about How Does Solar Work?

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### Contact Us

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