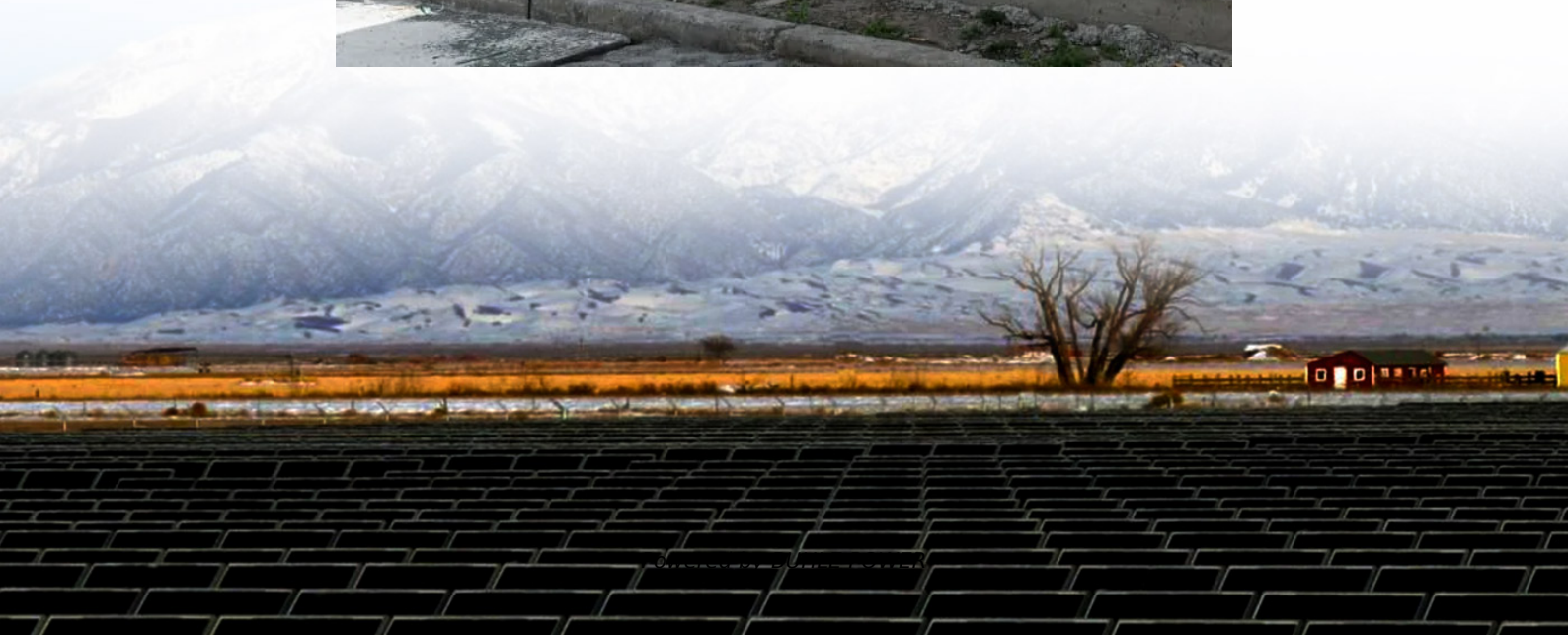


Basic configuration of solar system





Overview

What is the structure of the Solar System?

The Solar System consists of the Sun, eight planets, moons, asteroids, comets, and other celestial bodies. It is structured as follows: Sun (The Star): The central star, which provides light and heat, constituting about 99.8% of the total mass of the Solar System. Asteroid Belt: Located between Mars and Jupiter, containing numerous rocky objects.

What can I learn in Chapter 1 of the Solar System?

Chapter 1: The Solar. Page One | Page Two | Page Three Upon completion of this chapter, you will be able to classify objects within the solar system, state their distances in terms of light-time, describe the Sun as a typical star, relate its share of the mass within the solar system, and compare the terrestrial and Jovian planets.

What are the components of the Solar System?

Defining the Solar System encompasses its myriad components, which include the Sun, eight major planets, their Moons, and an array of smaller celestial bodies like dwarf planets and asteroids. These elements interact through gravitational forces, creating a dynamic system that is continuously evolving.

How are planets shaped during the formation of the Solar System?

Starting from the rocky worlds near the Sun to the distant gas and ice giants, the planets follow a consistent pattern shaped during the formation of the solar system. Beyond the traditional eight planets, belts and clouds of icy and rocky bodies populate the outer reaches, providing important clues to the solar system's history and evolution.



Basic configuration of solar system



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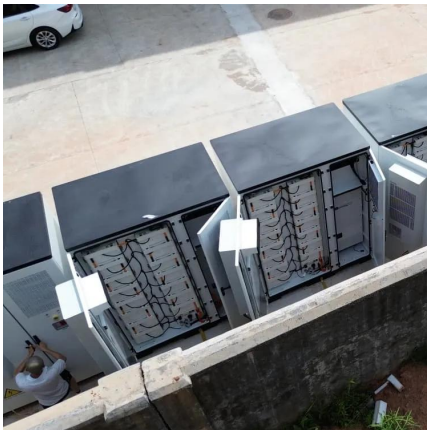
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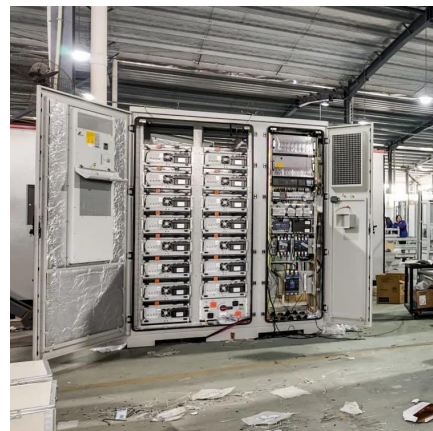
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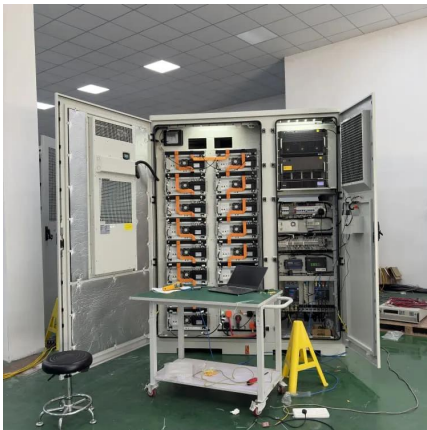
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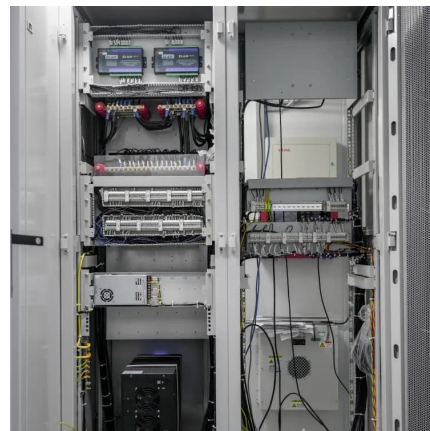
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