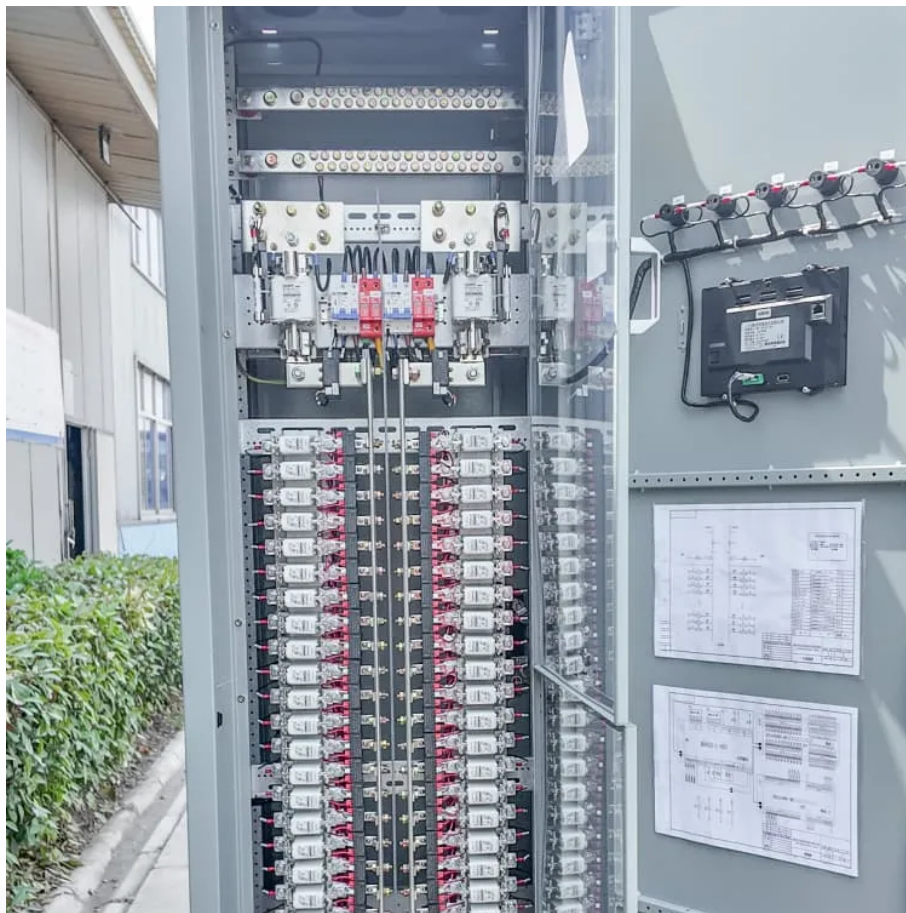


Basic components of a solar system





Overview

The Solar System consists of the Sun, planets, moons, asteroids, and comets. Learn about its main components and how they interact in space.

The solar system is unique in the cosmos due to a number of distinctive features that differentiate it from other star systems and celestial objects in the universe. These features include: 1.

In addition to the Sun, the Solar System contains eight planets, five dwarf planets, more than one million known asteroids, 644 moons of.

According to modern thinking, according to the theory of the Solar Nebula, the Solar System was formed about 5 billion years ago as a result of the accumulation and compression by gravity of a cloud of gas dust. In the compression process, the dimensions of the.

Astronomers sometimes divide the Solar System structure into separate regions. The inner region includes Mercury, Venus, Earth, Mars, and the bodies in the inner solar system. The outer region includes Jupiter, Saturn, Uranus, Neptune, and the bodies in the outer solar system. Since the discovery of the Kuiper belt, the outermost parts of the Solar System are considered a distinct region consisting of the Kuiper belt and the Oort cloud.



Basic components of a solar system



[In Depth , Our Solar System - NASA Solar System Exploration](#)

The planetary system we call home is located in an outer spiral arm of the Milky Way galaxy. Our solar system consists of our star, the Sun, and everything bound to it by gravity - the planets ...

Solar System

OverviewGeneral
characteristicsDefinitionFormation and
evolutionSunInner Solar SystemOuter Solar
SystemTrans-Neptunian region

Astronomers sometimes divide the Solar System structure into separate regions. The inner Solar System includes Mercury, Venus, Earth, Mars, and the bodies in the asteroid belt. The outer Solar System includes Jupiter, Saturn, Uranus, Neptune, and the bodies in the Kuiper belt. Since the discovery of the Kuiper belt, the outermost parts of the Solar System are considered a distinct region consisting of the objects beyond Neptune.



[Solar system , Definition, Planets, Diagram, Videos, & Facts](#)

5 days ago· Solar system, assemblage consisting of the Sun and those bodies orbiting it: 8 planets with more than 400 known planetary satellites; many asteroids, some with their own ...





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