



Solar360 Mobile Energy

What makes up the solar system





Overview

The Solar System consists of the Sun and the objects that orbit it. The name comes from Sōl, the Latin name for the Sun. It was formed when a dense region of a molecular cloud collapsed, creating the Sun and a protoplanetary disk from which the orbiting bodies assembled. The fusion of hydrogen into helium inside the Sun's core releases energy, which is primarily emitted through its outer atmosphere. This creates a decreasing temperature as distance from the Sun increases.



What makes up the solar system



Our World: What Is a Solar System? , Our World , NASA eClips

Learn just what makes up a solar system and find out how we classify the thousands of objects in our own solar system. Since the production of this video New Horizons has reached, and is providing information on, the Kuiper Belt.

10 Things: Planetary Atmospheres

10. 55 Cancri e, a "super Earth" exoplanet (a planet outside of our solar system with a diameter between Earth's and Neptune's) that may be covered in lava, likely has an atmosphere containing nitrogen, water and even ...



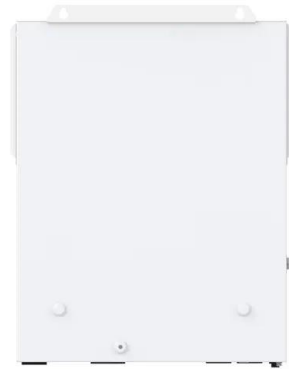
[The Solar System: Planets and Formation Explained](#)

Learn how the sun and the planets were formed from a giant cloud of gas and dust, and how they orbit each other. Discover the differences and similarities among the eight planets, the dwarf planets, the asteroid belt ...



Chapter 1: The Solar System

The solar system has been a topic of study from the beginning of history. For nearly all that time, people have had to rely on long-range and indirect measurements of its objects. For all of human history and pre-history, ...



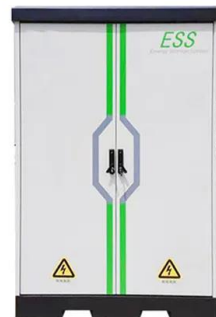
The Solar System

The solar system model is being updated by spacecraft like New Horizons. ©NASA Solar System Formation The solar system is located in one of the spiral arms of the Milky Way galaxy. It was born about 4.5 billion years ago when a ...



[The Solar System: The Sun, Planets, Dwarf Planets, ...](#)

The solar system is filled with a wide assortment of celestial bodies - the Sun itself, our eight planets, dwarf planets, moons, asteroids and comets. The Earth is the only body in the solar system known to have life.



[Visualization: The Mass of the Entire Solar System](#)

The Sun actually makes up 99.8% of our entire solar system's mass -- and we're lucky to be living in the other 0.2%. Responsible for all life on Earth, it's no wonder that various cultures have worshiped the Sun throughout ...





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