

# The solar system explained





## 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.



## The solar system explained



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

Our planet Earth is part of a solar system that consists of eight planets orbiting a giant, fiery star we call the sun. For thousands of years, astronomers studying the solar system have noticed that these planets march ...

### [How Did Ptolemy Explain Retrograde Motion? Britannica](#)

How we understood the universe throughout history Kepler's revolutionary laws of planetary motion Copernicus's revolutionary theory: The Sun as the center Aristotle's theory of the solar system explained Related Articles: Nicolaus Copernicus, universe, geocentric ...



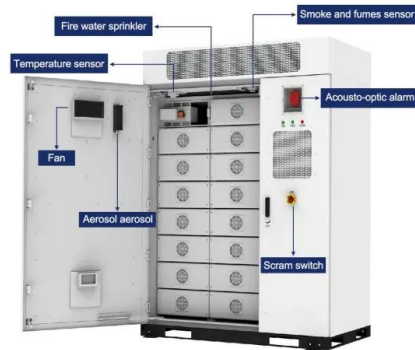
### [Solar Panels Simplified: A Beginner's Guide to Solar ...](#)

Discover the science behind solar panels in our comprehensive guide for beginners. Learn how solar energy is harnessed, demystify the technology, and embrace a sustainable future. Dive into the basics of solar ...



### [Solar System - Definition, Facts, Planets](#)

The Solar System is the gravitationally bound system of the Sun and all celestial bodies that orbit it. This includes planets, moons, asteroids, comets, dwarf planets, and countless particles of dust and ice. It is our cosmic ...



### Solar system , Definition, Planets, Diagram, Videos, & Facts

5 ???· 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 satellites; ...



### 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 ...



### Solar System

Overview Definition Formation and evolution General characteristics Sun Inner Solar System Outer Solar System Trans-Neptunian region

The Solar System consists of the Sun and the objects that orbit it. The name comes from Sol, the Latin name for the Sun. It formed about 4.6 billion years ago when a dense region of a molecular cloud collapsed, creating the Sun and a protoplanetary disc 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 photosphere. This creates a decreasing temperature gradient a...

## Contact Us

---

For catalog requests, pricing, or partnerships, please visit:  
<https://solar360.co.za>