

## SolarTech Power Solutions

# Solar systems are divided into



## Overview

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They are traditionally divided into two categories: the four terrestrial planets—Mercury, Venus, Earth, and Mars—and the four gas and ice giants—Jupiter, Saturn, Uranus, and Neptune. What are the main parts of the Solar System?

There are a few main parts of the Solar System. Here they are in order from the Sun, with the planets numbered, and dwarf planets marked with letters. The inner planets. From left to right: Mercury, Venus, Earth, and Mars.

How many planets are in a solar system?

A solar system is a collection of celestial bodies orbiting a central star. Our solar system contains eight planets, five dwarf planets, over 190 known moons, and numerous smaller objects. The Sun contains 99.8% of the solar system's total mass. Solar system objects include planets, dwarf planets, moons, asteroids, comets, and Kuiper belt objects.

What are the components of a solar system?

Solar systems consist of a central star and orbiting celestial bodies. Sun forms 99.8% of our solar system's mass. Planets, moons, asteroids, and comets orbit the sun. Galaxies contain billions of stars, stellar remnants, gas, and dust. Milky Way galaxy includes our solar system. Galaxies span trillions of stars and celestial objects.

Where is the Solar System located?

The solar system is located in the Milky Way's Orion star cluster. Only 15% of stars in the galaxy host planetary systems, and one of those stars is our own sun. Revolving around the sun are eight planets. The planets are divided into two categories based on their composition, terrestrial and Jovian.

How many moons are there in the Solar System?

Most of the planets have moons that orbit around them just as the planets orbit the Sun. There are over 400 of these moons in the Solar System. Pluto

was discovered by American astronomer Clyde Tombaugh in 1930. It was declared the ninth planet of the Solar System.

How many dwarf planets are there in the Solar System?

There is an unknown number of dwarf planets in the Solar System. As of 2025, these nine small Solar System bodies are often called dwarf planets: There are a few main parts of the Solar System. Here they are in order from the Sun, with the planets numbered, and dwarf planets marked with letters.

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