



The Sun is a 4.5 billion-year-old yellow dwarf star
 ??? a hot glowing ball of hydrogen and helium ???
 at the center of our solar system. It's about 93
 million miles (150 million kilometers) from Earth and
 it's our solar system's only star.



? solar system, assemblage consisting of the Sun
 ???an average star in the Milky Way Galaxy ???and
 those bodies orbiting around it: 8 (formerly 9)
 planets with more than 210 known planetary
 satellites (moons); many asteroids, some with their
 own satellites; comets and other icy bodies; and
 vast reaches of highly tenuous gas and dust known
 as the



Our solar system consists of our star, the Sun, and
 everything bound to it by gravity ??? the planets
 Mercury, Venus, Earth, Mars, Jupiter, Saturn,
 Uranus, and Neptune; dwarf planets such as Pluto;
 dozens of moons; and millions of asteroids, comets,
 and meteoroids.

HOW MANY STARS ARE IN THE SOLAR SYSTEM



Our solar system includes the Sun, eight planets, five officially named dwarf planets, and hundreds of moons, and thousands of asteroids and comets. Our solar system is located in the Milky Way, a barred spiral galaxy with two major arms, and two minor arms.



Published: August 16, 2024 at 2:56 am. The answer as to how many stars are in our Solar System is simple: just one! Our Sun is a star, and it's located at the centre of our Solar System, with the planets orbiting around it.

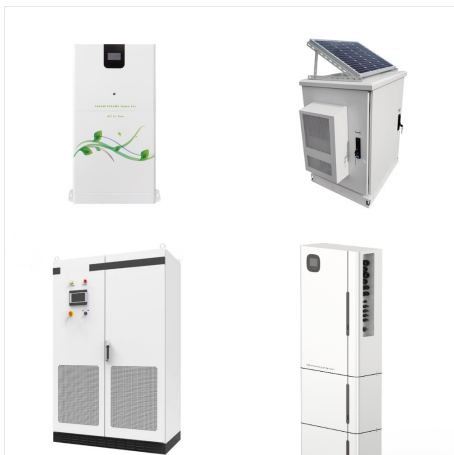


The Sun is the Solar System's star and by far its most massive component. Its large mass (332,900 Earth masses), [75] which comprises 99.86% of all the mass in the Solar System, [76] produces temperatures and densities in its core high enough to sustain nuclear fusion of hydrogen into helium. [77]

HOW MANY STARS ARE IN THE SOLAR SYSTEM



The solar system has eight planets: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune. There are five officially recognized dwarf planets in our solar system: Ceres, Pluto, Haumea, Makemake, and Eris. Get the Facts.



In our solar system, there is only one star that we know of ??? the sun! Our solar system is very unique in that it only has one star. Most other solar systems have at least two stars. These are called binary systems. Some solar systems with as many as ???



Astronomers estimate that the universe could contain up to one septillion stars ??? that's a one followed by 24 zeros. Our Milky Way alone contains more than 100 billion, including our most well-studied star, the Sun. Stars are giant balls of hot gas ??? mostly hydrogen, with some helium and small amounts of other elements.