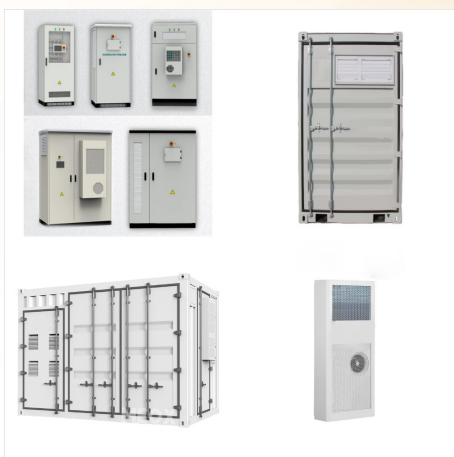


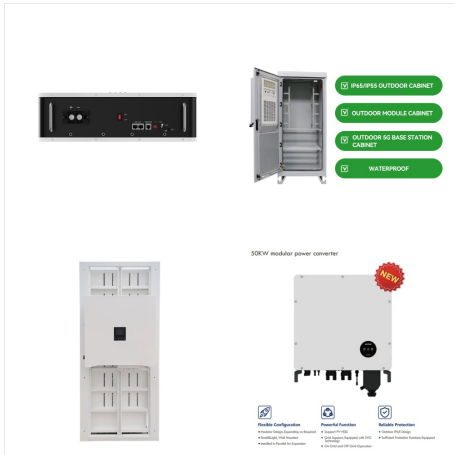
In our solar system, nine planets circle around our Sun. The Sun sits in the middle while the planets travel in circular paths (called orbits) around it. These nine planets travel in the same direction (counter- clockwise looking down from the Sun's north pole). The picture on the right shows the different paths and positions of each planet



The Nine Planets The Sun Facts The Sun is the heart of our solar system and its gravity is what keeps every planet and particle in orbit. This yellow dwarf star is just one of billions like it across the Milky Way galaxy. Similar effects are seen in the gas planets. The differential rotation extends considerably down into the interior of



The Nine Planets has been online since 1994 and was one of the first multimedia websites that appeared on the World Wide Web. Take an interactive tour of the solar system, or browse the site to find fascinating information, facts, and data about our planets, the solar system, and beyond.



This site, The Nine Planets, is an overview of the history, mythology, and current scientific knowledge of each of the planets and moons in our solar system. Each page has text and images; some have sounds and movies. Data for each planet includes orbit, diameter, mass, motions, composition, albedo, number of satellites, and visits by probes



This is a simple guide to the sizes of planets based on the equatorial diameter ??? or width ??? at the equator of each planet. It's about nine times wider than Earth, with an equatorial diameter of about 74,898 miles (about 120,536 kilometers). Saturn is the sixth planet from the Sun, orbiting at an average distance of 889.8 million



Created in 1994 by software developer and amateur astronomer Bill Arnett, The Nine Planets is a multimedia website containing information about our Solar System and beyond. It was one of the first examples of a multimedia website when it first appeared online and has received over 100 million visitors. To this day, the site still receives up to



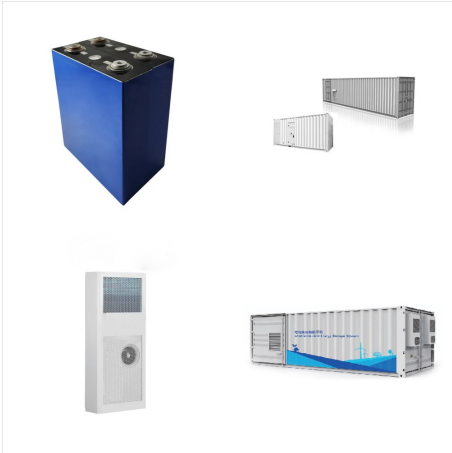
The Nine Planets Mercury Facts for Kids The planet closest to the Sun, Mercury is the smallest and fastest planet in the solar system -- whipping around the Sun every 88 Earth days.



The solar system consists of the Sun; the eight official planets, at least three "dwarf planets", more than 130 satellites of the planets, a large number of small bodies (the comets and asteroids), ???



The Nine Planets is a collection of information about our Solar System intended for a general audience with little technical background. No special expertise or knowledge is needed; all technical and astronomical terms and proper names are defined in the glossary. The bulk of this material should be familiar to planetary scientists and



Much of it formed the Sun while more of its dust went on and merged to create the first proto-planets. Mars was one of these planets and after the gravity pulled enough swirling gas and dust, it became the fourth planet from the Sun. Distance, Size and Mass. Mars is about 227.9 million km / 141.6 million mi or 1.5 AU away from the Sun.



A star that hosts planets orbiting around it is called a planetary system, or a stellar system, if more than two stars are present. Our planetary system is called the Solar System, referencing the name of our Sun, and it hosts eight planets.. The eight planets in our Solar System, in order from the Sun, are the four terrestrial planets Mercury, Venus, Earth, and ???



Our solar system is made up of a star???the Sun???eight planets, 146 moons, a bunch of comets, asteroids and space rocks, ice, and several dwarf planets, such as Pluto. The eight planets are Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune. Mercury is closest to the Sun. Neptune is the farthest.



Summarizes what we've learned from interplanetary explorations in the last 25 years. My primary reference for The Nine Planets. T. Rex and the Crater of Doom. The story of the discovery of the impact crater that doomed the dinosaurs. Nice description of how science works in the real world. Encyclopedia of the Solar System



Mercury's axis has the smallest tilt of any of the Solar System's planets at about 1 ??? 30 degrees, while its orbital eccentricity is the largest of all known planets in the Solar System. Mercury's distance from the Sun is only about two-thirds or 66%, of its distance at aphelion, at its aphelion it is 0.44 AU away from the Sun.

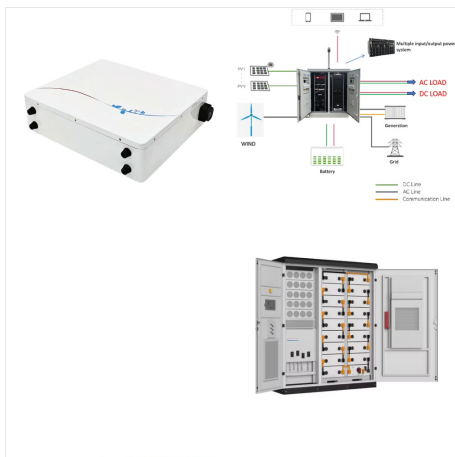


There are lots of tricks for remembering the order of the planets. This illustration shows them in order from the sun. WP/CC BY-SA 3.0/Wikipedia. Over the past 60 years, humans have begun to explore our solar system in earnest. From the first launches in the late 1950s until today, we've sent probes, orbiters, landers, and even rovers (like NASA's Perseverance Rover ???)





The solar system has eight planets: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune. There are also five dwarf planets: Ceres, Pluto, Haumea, Makemake, and Eris. Learn more about their features, sizes, and locations.



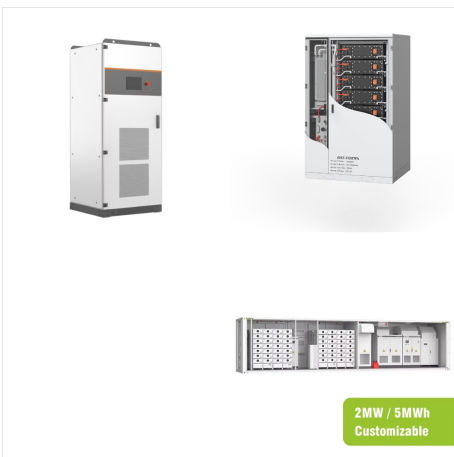
The Nine Planets is an overview of the history, mythology, and current scientific knowledge of each of the planets and moons in our solar system. Each page has text and images, some have sounds and movies, most provide references to additional related information. Interplanetary spacecraft have revolutionized planetary science. Very little of this document would have been ???



In their original article, Batygin and Brown simply referred to the object as "perturber", [ 4] and only in later press releases did they use "Planet Nine". [ 188] They have also used the names "Jehoshaphat" and "George" (a reference to William Herschel 's proposed name for Uranus) for Planet Nine.



The Nine Planets Earth Facts The place we call home, Earth is the third rock from the sun and the only planet with known life on it ??? and lots of it too! Menu. It is the fifth-largest planet in the Solar System, being the largest of the terrestrial planets. It has an equatorial radius of 6.371 km / 3.958 mi, and a polar radius of 6.356 km



Its orbit appears to be similar to the predictions made for Planet Nine's semi-major axis and it may serve as a proxy for Planet Nine that helps explain how such planetary orbits evolve, [ 182] although this exoplanet is well over ten times as massive as Jupiter.



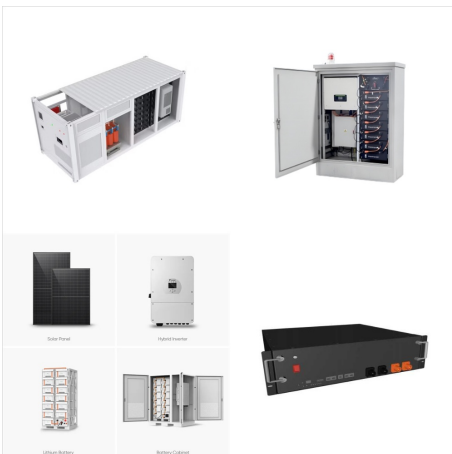
Introduction. The planetary system we call home is located in an outer spiral arm of the Milky Way galaxy. Our solar system consists of our star, the Sun, and everything bound to it by gravity ??? the planets Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune; dwarf planets such as Pluto; dozens of moons; and millions of asteroids, comets, and meteoroids.



The main reason for the planets to vary their distance is due to elliptical orbits. No planet in our Solar System orbits the sun in a perfect circle which means that the distance between planets is never the same. For this reason, to calculate the distance, we use the average to measure how far planets are from one another.



The Nine also seem to have a connection to the Awoken or Ahamkara, as they were greatly angered by Oryx's incursion into the Dreaming City, and were driven into a frenzy when Riven was taken addition, the Techeun Shuro Chi believes that the Ahamkara either originated from or were sent by the Nine.. Members []. Sun (implied) Mercury; Venus; Earth; Mars; Jupiter



Neptune is the fourth largest and the farthest planet of the Solar System with the most powerful wind speeds out of all the planets. It is the smallest of the gas giants and is the first planet to be discovered by mathematical predictions in 1846.





The order and arrangement of the planets and other bodies in our solar system is due to the way the solar system formed. Nearest to the Sun, only rocky material could withstand the heat when the solar system was young. For this reason, the first four planets ??? Mercury, Venus, Earth, and Mars ??? are terrestrial planets.