Which planets are in order of size and distance from the Sun?

Let's go over them, but first, here's a quick rundown of each planet in order of size and distance from the sun. Planets In Order Of Size: Planets in order of distance from the Sun: Planets In Order Of Mass: 1. Mercury The planet Mercury. Image source: NASA The first planet in our solar system is Mercury.

How do planets' distance from the Sun vary?

The planets' distance from the Sun varies because all the planets orbit the Sun on different elliptical paths. The top row of planets shows the distance in kilometers or miles. The second row of planets dotted on a line illustrates their relative distance from the Sun and each other.

Which planet is closest to the Sun?

Mercuryis the closest planet to the Sun,orbiting at an average distance of 36 million miles (58 million kilometers). Mercury is 57 million miles closer to the Sun than Earth. Pluto is the largest dwarf planet in our solar system,just slightly larger than Eris,at number two.

Which planets orbit the Sun?

The sun is the center of our solar system; the planets,their moons,a belt of asteroids,comets,and other rocks and gas orbit the sun. The eight planets that orbit the sun are (in order from the sun): Mercury,Venus,Earth,Mars,Jupiter,Saturn,Uranus,Neptune. Another large body is Pluto,now classified as a dwarf planet or plutoid.

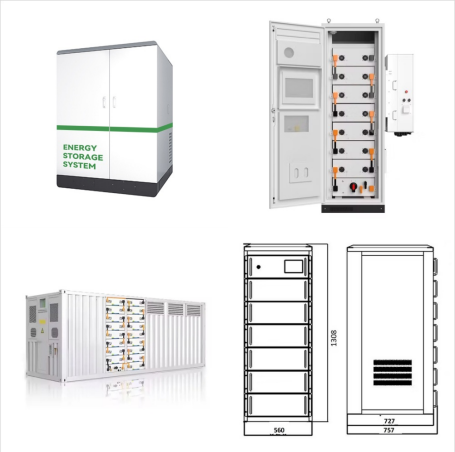
How do we calculate the distance between planets?

For this reason,to calculate the distance,we use the averageto measure how far planets are from one another. The Astronomical units (AU) column is the average distance between Earth and the Sun and is the most common way for scientists to measure distance in our Solar System.

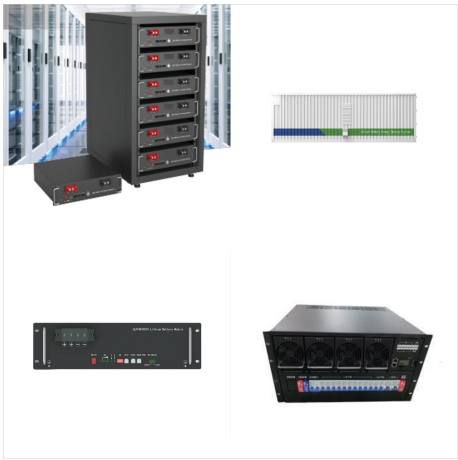
Which planets are in order from the Sun?

The planets in order from the sun are Mercury,Venus,Earth,Mars,Jupiter,Saturn,Uranus,Neptune and finally the dwarf planet Pluto. Most people have at least heard about our solar system and the planets in it. Our solar system is usually gone over in elementary school,so you might just need a refresher course about

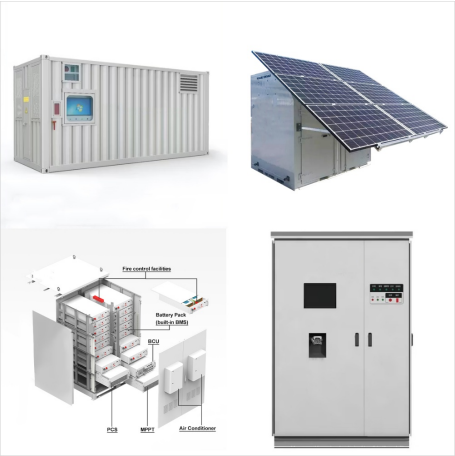
PLANETS DISTANCE FROM THE SUN KM



Size and Distance. Size and Distance. Our Sun is a medium-sized star with a radius of about 435,000 miles (700,000 kilometers). Its spin has a tilt of 7.25 degrees with respect to the plane of the planets'' orbits. Since the Sun is not solid, different parts rotate at different rates. the Sun's heat and light. Temperatures top 27

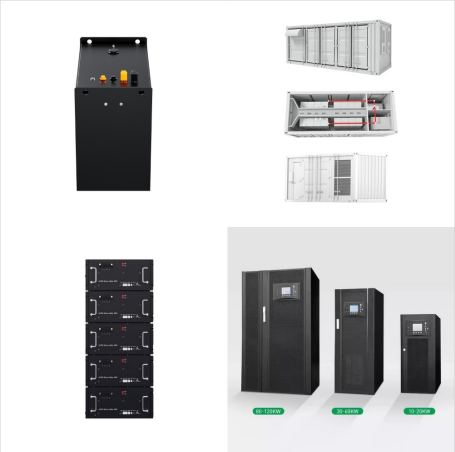


Distances between the planets, and especially between the stars, can become so big when expressed in miles and kilometers that they''re unwieldy. are a useful unit of measure within our solar system. One AU is the distance from the Sun to Earth's orbit, which is about 93 million miles (150 million kilometers). When measured in astronomical

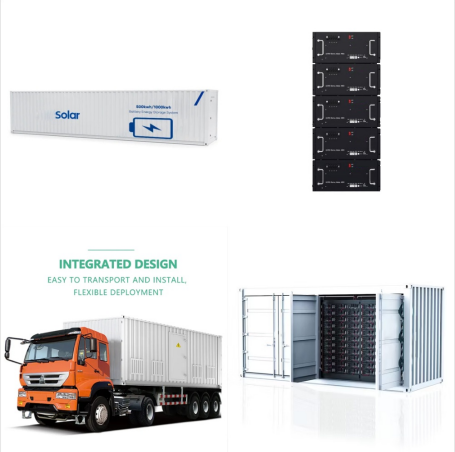


Because the planet is so close to the Sun, day temperatures can reach highs of 800?F (430?C). is the distance from the Sun to Earth. From this distance, it takes sunlight 3.2 minutes to travel from the Sun to Mercury. and as far as 43 million miles (70 million kilometers) from the Sun. It speeds around the Sun every 88 days, traveling

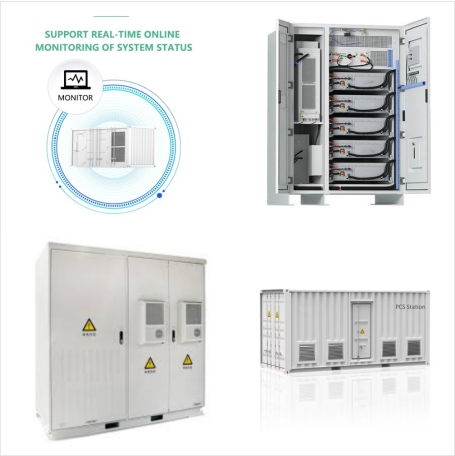
PLANETS DISTANCE FROM THE SUN KM



Earth is the third planet from the Sun, and the fifth largest planet. It's the only place we know of inhabited by living things. With an equatorial diameter of 7926 miles (12,760 kilometers), Earth is the biggest of the terrestrial planets ???

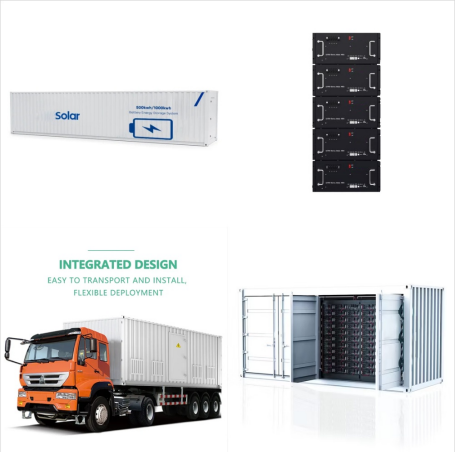


The small planet has a diameter of 4.879 km / 3.032 mi. Venus. The second closest planet to the Sun. Venus is on average at a distance of 108 million km / 67 million mi or 0.72 AU away from the Sun. It is the hottest planet of the Solar system since its atmosphere keeps the temperatures almost consistently the same.

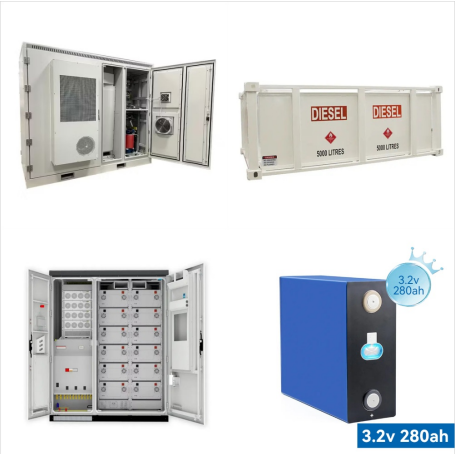


It is the biggest planet in the solar system, and it has a diameter of 89,000 miles (143,000 kilometers). Distance from the Sun: It is the fifth planet from the Sun. Its orbit is about 483 million

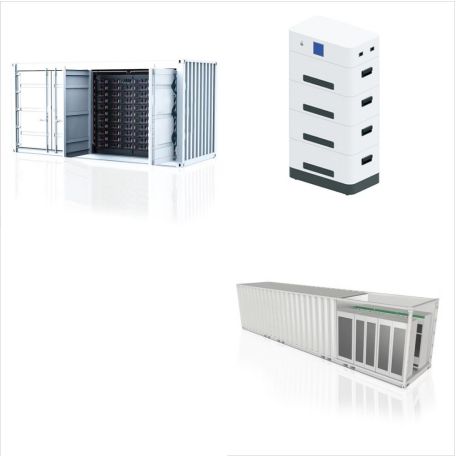
PLANETS DISTANCE FROM THE SUN KM



Mercury is the closest planet to the Sun at a distance of 57.91 million kilometers / 35.98 miles or 0.4 AU away. It takes sunlight 3.2 minutes to travel from the Sun to Mercury. Despite its closeness to the Sun, it is not the hottest planet, that title belongs to Venus but Mercury is the fastest planet, completing a trip around the Sun in 88

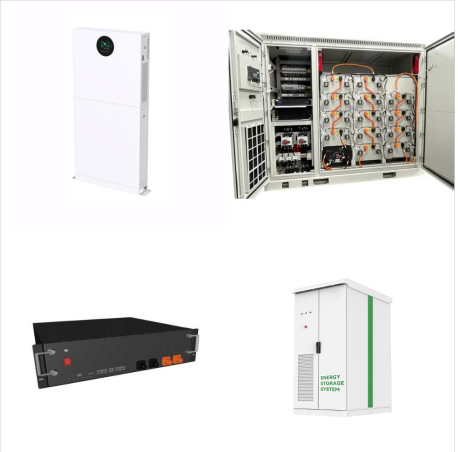


Earth's distance from the Sun, physical properties, and geological history have allowed life to evolve and exist on Earth. There are several million species of life on our planet with scientists believing there are more species that have yet to be discovered. Diameter: 7,926 miles (12,760 km) Distance from Sun: 1 AU; Day: 23 hours, 56 minutes



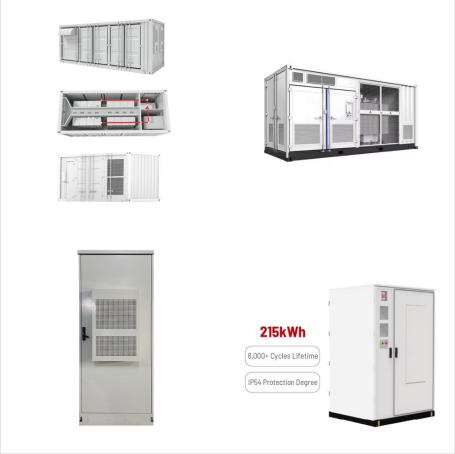
Distance from the Sun: Mercury is the closest planet to our star, with its average distance from the Sun being 36 million miles (58 million km). Orbit around the Sun: Because Mercury is so close

PLANETS DISTANCE FROM THE SUN KM



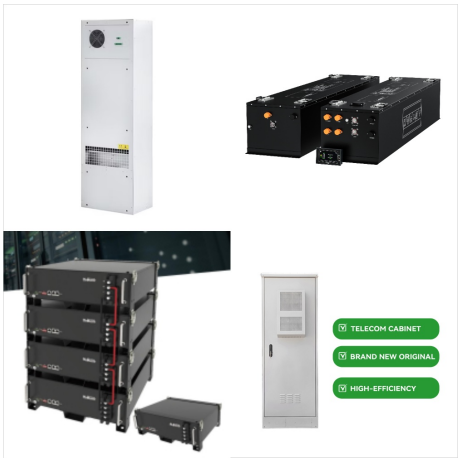
scaling factor 10 cm/AU by the actual distance from the Sun to each of the planets in AU. Planet Distance from Sun (AU) Distance to planet (kilometers) Scale distance from Sun (centimeters) Actual diameter (kilometers) Sun (a star) 0 1,391,980 Mercury 0.39 58,000,000 3.9 4,880 Venus 0.72 108,000,000 7.9 12,100 Earth 1.00 150,000,000 10 12,800

You must be wondering the planet distance to Sun. The distance between the Earth and the Sun defines the astronomical unit, which is by convention 150 million km (93.2 million miles). Jupiter, the largest planet, is 5.2 AU from the Sun and has a radius of 71,000 km (44,117 miles), while the farthest planet, Neptune, is approximately 30 AU from

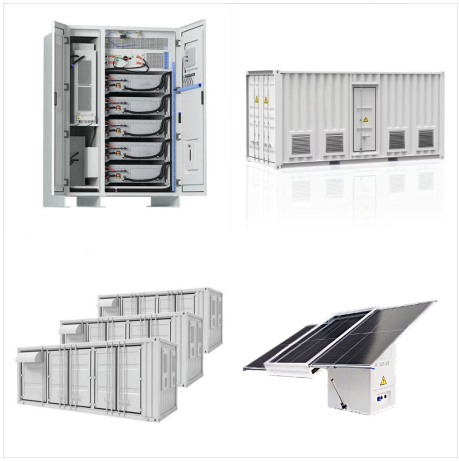


1 pixel = 1,000 km. This 2D visual model illustrates the scale of the sun and planets in our solar system, and their current distance from each other. and their current distance from each other. The Sun. Mercury. Venus. Earth. Mars. Jupiter. Saturn. Uranus. Neptune [Name] in. Mars (Terrestrial Planet) Diameter: 6 pixels Distance: pixels

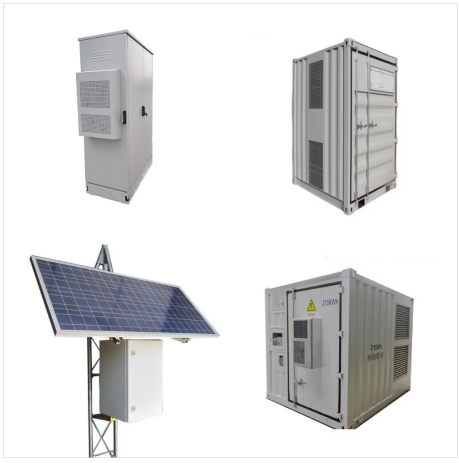
PLANETS DISTANCE FROM THE SUN KM



The distance from the Sun to the planet Earth equates to a unit of measurement known as astronomical units (AU). Uranus is around 19.8 AU from the Sun which roughly equates to an average distance of 1.8 billion miles (2.9 billion kilometers).

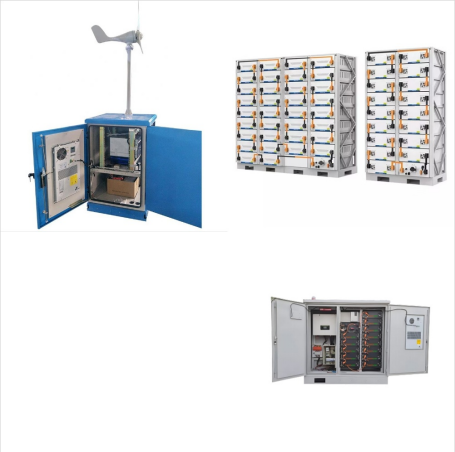


Planet Distance from the Sun Diameter Mass Important Notes; Mercury: 57,910,000 km (0.387 AU) 4,879 km: 3.3022 x 1023 kg: The closest planet to the Sun The smallest The fastest-spinning: Venus: 108,200,000 km (0.723 AU) 12,104 km: 4.8685 x 1024 kg: The hottest The first planet visited by a spacecraft Has the longest rotation period (243 days

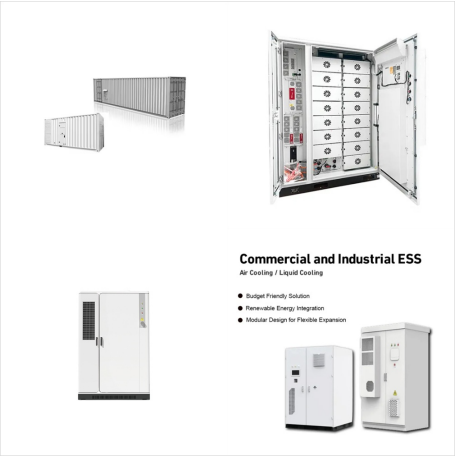


From an average distance of 886 million miles (1.4 billion kilometers), Saturn is 9.5 astronomical units away from the Sun. One astronomical unit (abbreviated as AU), is the distance from the Sun to Earth. From this distance, it takes sunlight 80 minutes to travel from the Sun to Saturn.

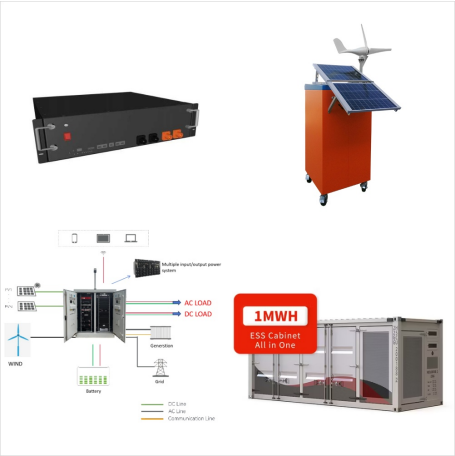
PLANETS DISTANCE FROM THE SUN KM



? Earth - Planet, Atmosphere, Geology: The mean distance of Earth from the Sun is about 149,600,000 km (92,960,000 miles). The planet orbits the Sun in a path that is presently more nearly a circle (less eccentric) than are the orbits of all but two of the other planets, Venus and Neptune. Earth makes one revolution, or one complete orbit of the Sun, in about 365.25 ???

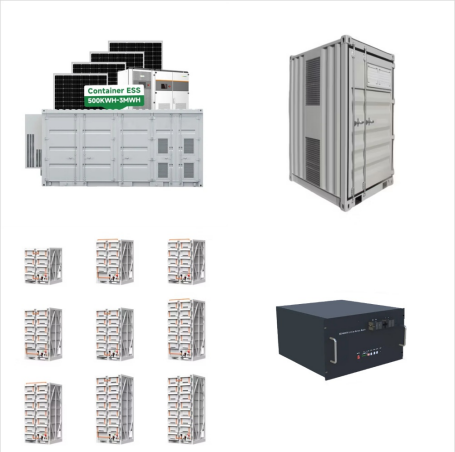


Pluto's orbit around the Sun is unusual compared to the planets: it's both elliptical and tilted. Pluto's 248-year-long, oval-shaped orbit can take it as far as 49.3 astronomical units (AU) from the Sun, and as close as 30 AU. (One AU is the mean distance between Earth and the Sun: about 93 million miles or 150 million kilometers.)

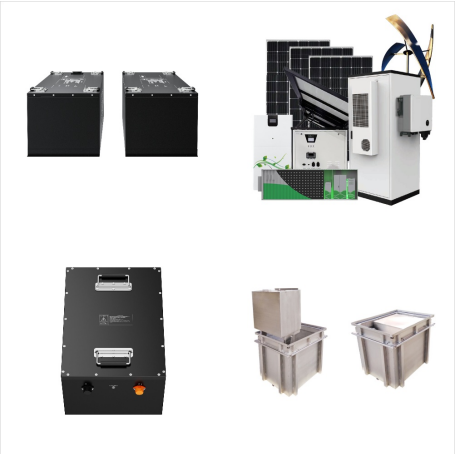


Astronomers use the distance between Earth and sun, which is 93 million miles, as a new unit of measure called the Astronomical Unit. It is defined to be exactly 1.00 for the Earth-Sun orbit distance, and we call this distance 1.00 AUs. Problem 1 - The table below gives the distance from the Sun of the eight planets in our solar system.

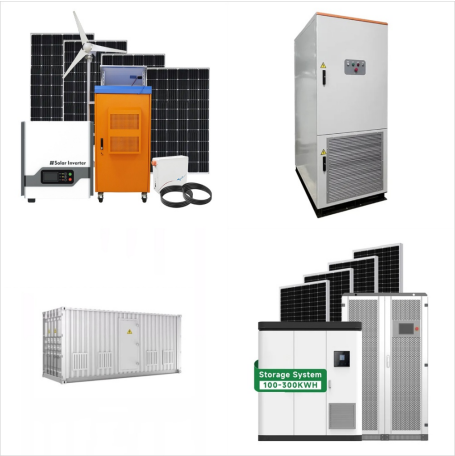
PLANETS DISTANCE FROM THE SUN KM



We already know that the distance of all the planets are generally calculated by keeping the Sun as the main location point. The distances of all the planets from the Sun in scientific notation and exponential form- Mercury- 57 million kilometers. Scientific notation- 5.7* 10^7 "km" Venus- 108 million kilometers. Scientific notation- 1.08 * 10^8 "km" Earth- 150 ???

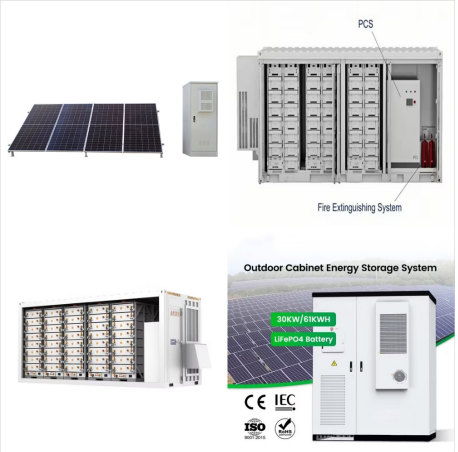


As an example, the distance between the planet Mercury and Earth can range from 77 million km at the closest point, to as far as 222 million km at the farthest. There is a huge amount of different in the distances between the planets depending on their position on their orbit path. 1 AU is the distance from the Sun to Earth, which is

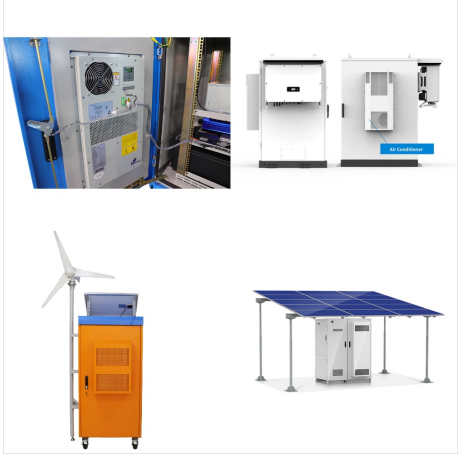


Earth is the third planet from the Sun, and the fifth largest planet. It's the only place we know of inhabited by living things. With an equatorial diameter of 7926 miles (12,760 kilometers), Earth is the biggest of the terrestrial planets and the fifth largest planet in our solar system. is the distance from the Sun to Earth. This unit

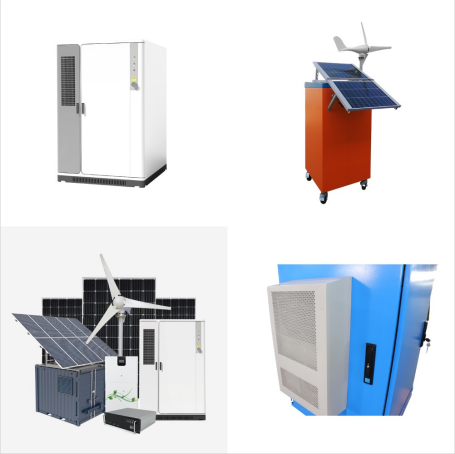
PLANETS DISTANCE FROM THE SUN KM



The planet Earth is 93 million miles away from the sun, and with a diameter of 7,926 miles, it is the fifth largest planet in the solar system. As far as we know, it is the only planet with life, and about 70 percent of its surface is covered in water. Earth revolves around the sun once every 365 days and rotates on its axis in 24 hours.

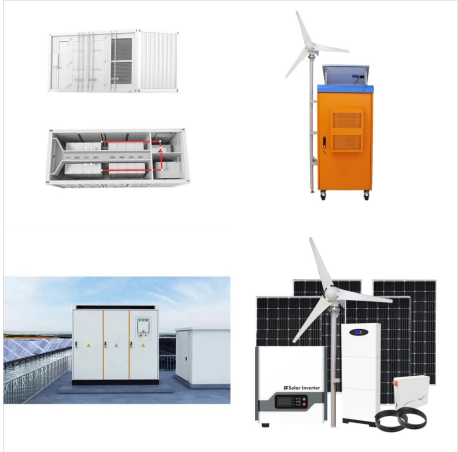


The term "Solar System" entered the English language by 1704, when John Locke used it to refer to the Sun, planets, and comets. [288] Careful observations of the 1769 transit of Venus allowed astronomers to calculate the average Earth???Sun distance as 93,726,900 miles (150,838,800 km), only 0.8% greater than the modern value. [291]



With a radius of 3,959 miles (6,371 kilometers), Earth is the biggest of the terrestrial planets and the fifth largest planet overall. From an average distance of 93 million miles (150 million kilometers), Earth is exactly one astronomical unit away from the Sun because one astronomical unit (abbreviated as AU), is the distance from the Sun to

PLANETS DISTANCE FROM THE SUN KM



Aphelion/Farthest distance ??? 152,098,233 kilometers. Earth to Sun distance in Miles. On average our earth is 92,955,902 miles away from the sun. Perihelion/Closest distance ??? 91,402,640 miles. Closest and Farthest Distance of Planets from Sun; 11 Closest Star to Earth other than the Sun; How Long is a Day and Year on each Planet.