

Earth location in solar system





Overview

Earth is the third planet from the Sun with an approximate distance of 149.6 million kilometres (93.0 million miles), and is traveling nearly 2.1 million kilometres per hour (1.3 million miles per hour) through outer space.

Knowledge of the location of Earth has been shaped by 400 years of telescopic observations, and has expanded radically since the start of the 20th century. Initially, was believed to be the .

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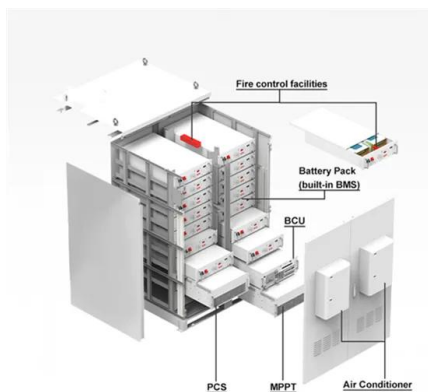


[Where are Earth and the Sun located in the Milky Way?](#)

Earth and the Sun - our whole Solar System - are located in a spiral arm in the Milky Way galaxy, but it's only relatively recently that this has become a widely-accepted fact. Long ago, people thought that the Earth was at the centre of the ...

[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 ...



[A Complete Guide to the Solar System and the Night Sky](#)

Please set your location so we can show precisely what's visible in your night sky. Without your location, we will use Greenwich as a default, but visibility information and star map automatic ...

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

2 ???· Located at the centre of the solar system and influencing the motion of all the other bodies through its gravitational force is the Sun, which in itself contains more than 99 percent ...



[Where are Earth and the Sun located in the Milky Way?](#)

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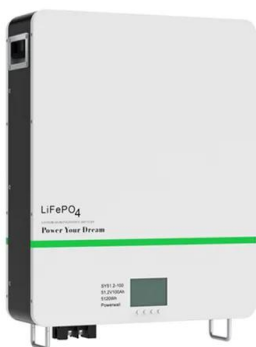
[The Planets Today : A live view of the solar system](#)

The planets today shows you where the planets are now as a live display - a free online orrery. In this solar system map you can see the planetary positions from 3000 BCE to 3000 CE, and also see when each planet is in retrograde.



[Earth , Definition, Size, Composition, Temperature, ...](#)

1 ??· Earth, third planet from the Sun and the fifth largest planet in the solar system in terms of size and mass. Its single most outstanding feature is that its near-surface environments are the only places in the universe known to harbor ...





What Is Earth's Position In The Solar System?

Earth is the third planet from the sun and orbits at an average distance of 93 million miles, meaning that it takes sunlight about eight minutes to arrive. As you move outward from the sun, the planets are spaced increasingly ...



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