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# **Super solar System**





## Overview

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Does our Solar System have super-Earth planets?

The researchers were inspired by a puzzling fact: many Solar Systems like our own are predicted to have super-Earth planets relatively close to their sun, so it's rather strange that ours doesn't.

Is Kepler-22b a super-Earth?

Kepler-22b is a super-Earth that could be covered in a super ocean. A super-Earth planet could be hiding at the edge of our own solar system. 5 Key Super-Earth Planet Facts: A super-Earth planet could be hiding at the edge of our own solar system. A dim, frozen super-Earth orbits a fast-moving star just 6 light-years away.

What is a super Earth?

The term “super-Earth” is defined by mass, typically ranging from roughly twice Earth’s mass up to about ten times Earth’s mass. While mass is the defining characteristic, these planets often exhibit larger radii than Earth, and their compositions are where the real intrigue lies.

What makes a planet a super Earth?

The defining factor is mass. A planet is classified as a super-Earth if its mass falls between approximately 2 and 10 Earth masses. Anything below this range is generally considered terrestrial or Earth-like, while planets significantly more massive are considered gas giants or mini-Neptunes.



## Super solar System



[A Super-Earth Beyond Saturn: Astronomers Discover an ...](#)

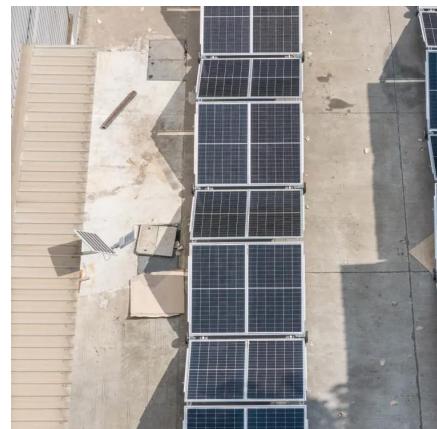
The discovery of a super-Earth orbiting beyond Saturn's distance in a distant solar system is more than just a milestone--it's a revelation. It reminds us that the universe is far ...

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### What is a Super Earth?

What is a Super-Earth? Exploring the Galaxy's Mysterious Giants A super-Earth is an exoplanet - a planet orbiting a star other than our Sun - with a mass greater than Earth's ...

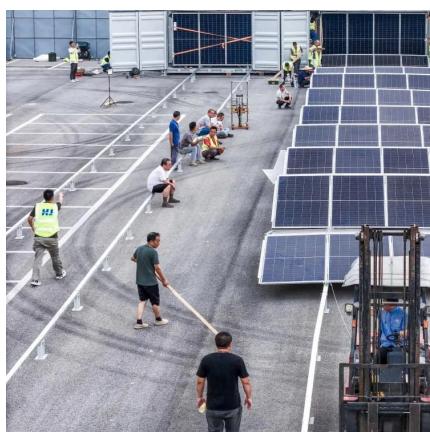
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What if our solar system wasn't as perfectly balanced as it is today? Imagine a massive super-Earth occupying the asteroid belt between Mars and Jupiter, disrupting the ...

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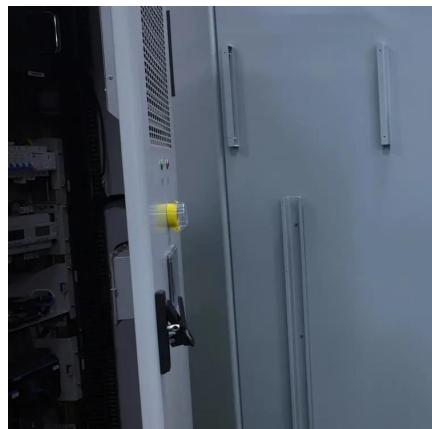
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Our Solar System is a carefully balanced celestial dance held together by a virtually perfect balance of gravity and inertia. Just how this cosmic waltz would look with a ...

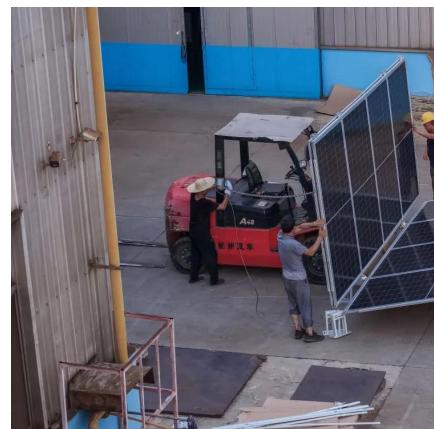
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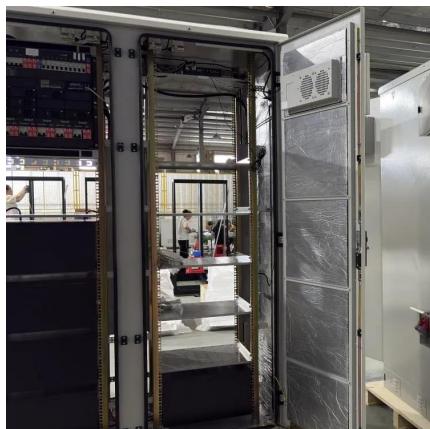
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A rocky exoplanet outside the Earth's solar system may have an atmosphere, according to new evidence gathered by NASA researchers. The exoplanet, known as super ...

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[What Is a Super-Earth?](#)

Super-Earths - a class of planets unlike any in our solar system - are more massive than Earth yet lighter than ice giants like Neptune and Uranus, and can be made of ...

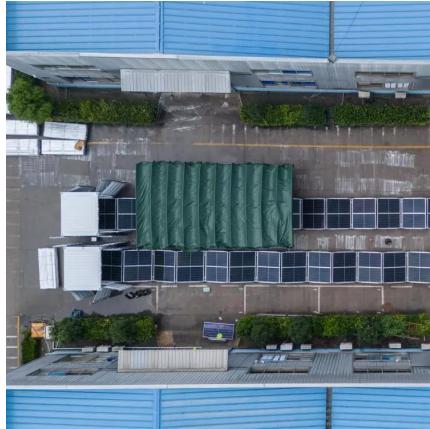
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