

# Large flat solar system





## Overview

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Why is the Solar System flat?

The Solar system is flat because of the law of conservation of angular momentum. When the Solar system was created out of a huge cloud of gas and dust, the particles started to collide with each other due to gravity. Most of the mass accumulated near the center, creating the Sun.

What is a flat roof solar system?

Flat roof solar is usually 'free-standing' on the roof. The mounting frames are not secured to the roof and therefore the system has to be weighted down using ballast. The structure of the roof needs to be able to support the ballast. On commercial properties, flat roofs tend to be a repository for air conditioning systems and lift motor housing.

Is the Solar System flat if all orbits are on a single plane?

If you look at the sky on a night when multiple planets are visible, you will notice they all travel more or less along the same path. This imaginary line is called the ecliptic and it is the plane that the orbits of all the objects in the Solar system follow. So, if all the orbits are on a single plane, is the Solar system flat?

Yes.

What does the Solar System look like?

As you've heard earlier, the cloud of gas and dust which turned into our solar system transformed itself from an initially spherical-ish shape into a flattened disk. The planets and (most of) the asteroids and (some of) the comets orbit the Sun in roughly the same plane. In other words, when seen from above, the Solar System looks like this:



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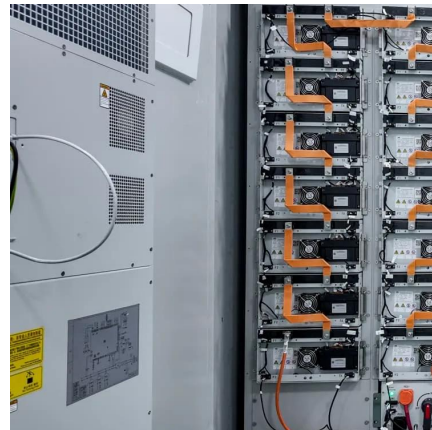


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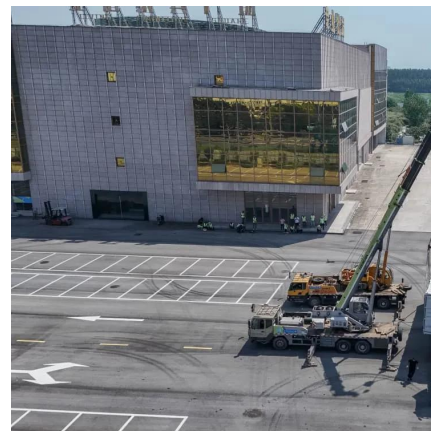


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