

# Biggest star in the solar system

**Parallel** (Parallel operation up to 6 unit (only with battery connected))



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## Overview

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UY Scuti (BD-12°5055) is a , located 5,900 away in the constellation . It is also a , with a maximum brightness of 8.29 and a minimum of magnitude 10.56, which is too dim for visibility. It is considered to be one of the , with a radius estimated at 909 (632 million ; 4.23 .

Below are lists of the largest stars currently known, ordered by and separated into categories by galaxy. The unit of measurement used is the (approximately 695,700 ; 432,300 ).

UY Scuti is the largest star observed so far, about 1,700 times larger than the sun<sup>12</sup>. It is also the most luminous of the three stars measured<sup>2</sup>. UY Scuti has a radius of  $1,708 \pm 192 R_{\odot}$ , which is about  $1.188 \times 10^9 \pm 134,000,000$  km<sup>2</sup>. It is located about  $9,500 \pm 1,030$  light-years away from Earth<sup>2</sup>. What is the biggest star in the universe?

Meet the biggest and largest stars in our Universe that are hundreds of times bigger than our own Sun. These include the biggest, UY Scuti.

What is the largest star in the Milky Way?

WOH 5170: Another luminary of the Large Magellanic Cloud, WOH 5170 stands out for its sheer size and is considered among the largest stars discovered in this satellite galaxy of the Milky Way.

What are the largest stars in the world?

Below are lists of the largest stars currently known, ordered by radius and separated into categories by galaxy. The unit of measurement used is the radius of the Sun (approximately 695,700 km; 432,300 mi). The Sun, the orbit of Earth, Jupiter, and Neptune, compared to four stars. (Pistol Star, Rho Cassiopeiae, Betelgeuse, and VY Canis Majoris).

Which star has the largest radius?

The Sun, the orbit of Earth, Jupiter, and Neptune, compared to four stars. (Pistol Star, Rho Cassiopeiae, Betelgeuse, and VY Canis Majoris) Although red supergiants are often considered the largest stars, some other star types have



been found to temporarily increase significantly in radius, such as during LBV eruptions or luminous red novae.

Which star has bigger radii than the Sun?

A and F type main sequence stars, Giants and Supergiants all have larger radii than the Sun. If the Sun is a small star, what are the biggest stars in the universe?

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What is the brightest star in the universe?

The title of the brightest star in the universe, in terms of intrinsic luminosity, belongs to the luminous blue variable star Eta Carinae. Situated approximately 7,500 light-years from Earth, in the constellation Carina, Eta Carinae outshines our own sun millions of times over.



## Biggest star in the solar system

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### [What Is The Biggest Star Ever Found?](#)

The largest star ever found is a hypergiant called UY Scuti. Located 5,219 light years away, it is 1,700 times larger than the sun. UY Scuti is so large that if it were placed where the sun is in our solar system, it would stretch so far that it would likely engulf

### **The Largest Star in the Universe Is 1,700x Bigger ...**

In the vast night sky, where countless stars vie for attention, one colossus reigns supreme as the largest star in the universe. Situated thousands of light-years from Earth, this celestial giant's sheer magnitude challenges our ...



### **The Sun, our Solar System's star , The Planetary Society**

Where did the Sun come from? The Sun formed 4.6 billion years ago from a gigantic collapsing cloud of gas and dust called the solar nebula. The leftover material from the Sun's formation -- a mere 0.14% -- evolved into the rest of the Solar System we know today: planets, moons, asteroids, comets, and all.

### **Not That Small: Ranking the 10 Largest Moons in Our ...**

This second-largest moon of Jupiter and the third-largest moon in our solar system is about the same size as Mercury and was discovered with the other Galilean moons in 1610. Despite being



previously described as an ...



### [The Ten Biggest Stars In The Milky Way](#)

The Ten Biggest Stars In The Milky Way Stars come in a wide variety of sizes. Some are small and some are big, than the sun, making it one of the largest stars in the Milky Way. If you were to place Antares where the sun is in our solar system, it would

### List of largest stars

List of the largest stars in the Milky Way Galaxy  
Star name Solar radii (Sun = 1) Method [a] Notes  
The sizes above may not be correct because theories say stars cannot be larger than approximately 1,500 R [3] Maximum star size (Milky Way) [3] ~1,500 Not an



### Solar System

The Solar System [d] is the gravitationally bound system of the Sun and the objects that orbit it. [11] It formed about 4.6 billion years ago when a dense region of a molecular cloud collapsed, forming the Sun and a protoplanetary disc. The Sun is a typical star that





### Planet Sizes and Locations in Our Solar System

Jupiter Jupiter is the largest planet in the solar system. It's about 11 times wider than Earth with an equatorial diameter of 88,846 miles (about 142,984 kilometers). Jupiter is the fifth planet from the Sun, orbiting at an average distance of 483.7 million miles (778 million kilometers). (778 million kilometers).



### What is the Biggest Star in the Universe?

Solar Radius and Mass: When talking about the size of stars, it's important to first take a look at our own Sun for a sense of scale. Our familiar star is a mighty 1.4 million km across (870,000

### List of star extremes

A star is a massive luminous spheroid astronomical object made of plasma that is held together by its own gravity. Stars exhibit great diversity in their properties (such as mass, volume, velocity, stage in stellar evolution, and distance from Earth) and some of the outliers are so disproportionate in comparison with the general population that they are considered extreme.




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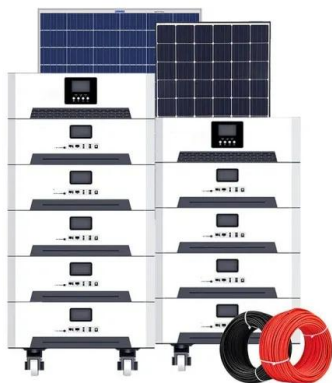
### List of most massive stars

Before their demise, the hypothetical metal-free Population III stars would have had the highest allowed mass, Solar System 1 0.0000158 -26.744 5,772 standard IAU [138] [139] [140 Black holes Black holes are the end point of the evolution of massive stars.



[How big is the sun? Facts & size comparison](#)

In this article, we will compare the size of the Sun with the size of the planets as well as the size of the biggest stars known to date. To fully understand the scale of our sun, let's compare its size to each planet of our solar system. Mercury: The Sun is 277 times larger than Mercury. 21 million Mercury-sized planets could fit inside the Sun.



**Astronomers find the largest solar system in the galaxy**

The existence of a moon located outside our solar system has never been confirmed but a new NASA-led study may provide indirect evidence for one. New research done at NASA's Jet Propulsion Laboratory reveals potential signs of a rocky, volcanic moon orbiting an exoplanet 635 light-years from Earth.

**ESS**



**What is the Largest Star in the Solar System?**

Introduction This might seem a silly question to ask and answer on this site but when the site's visitor logs are checked, they do ask this question. Our Solar System has only one star, that is the Sun. If you were to include the theoretical nemesis star in the solar system, our star is still the largest star in the Solar System.



[List Of The Solar System's 30 Biggest Moons](#)

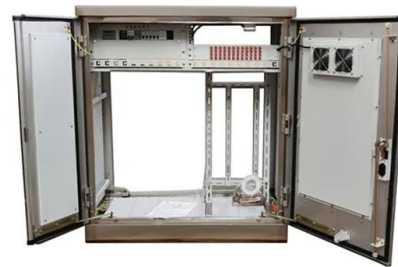
Biggest To Smallest Here you can learn about the 30 largest moons (by diameter) in the solar system! There are over 180 moons that orbit the planets and dwarf planets. The largest 19 moons in the list below are large enough to have been rounded by their own gravity (this is called being in hydrostatic equilibrium).



## UY Scuti

Overview  
Nomenclature and history  
Characteristics  
Supernova  
See also

UY Scuti (BD-12°5055) is a red supergiant star, located 5,900 light-years away in the constellation Scutum. It is also a pulsating variable star, with a maximum brightness of magnitude 8.29 and a minimum of magnitude 10.56, which is too dim for naked-eye visibility. It is considered to be one of the largest known stars, with a radius estimated at 909 solar radii (632 million kilometres; 4.23 astronomical units



## What is the biggest star in the universe? , Space

The biggest star in the universe (that we know of), UY Scuti is a variable hypergiant with a radius around 1,700 times larger than the radius of the sun. To put that in perspective, the volume

## The sun: Facts about the bright star at the center of the solar system

The sun is a yellow dwarf star in the center of the solar system, and it is the largest, brightest and most massive object in the system. The sun formed around 4.5 billion years ago.



### In Depth , Sun - NASA Solar System Exploration

The Sun is a 4.5 billion-year-old yellow dwarf star - a hot glowing ball of hydrogen and helium - at the center of our solar system. It's about 93 million miles (150 million kilometers) from Earth and it's our solar system's only star. Without the Sun's energy, life as



### UY Scuti Facts , Constellation, Information, History & Definition

Regardless, UY Scuti is still one of the biggest known stars and if UY Scuti were placed in the Solar System, replacing our sun, its photosphere would reach the orbit of Saturn. To get a better sense of the scale of UY Scuti, more than 4 quadrillion Earth's could fit into it.



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### [List of Solar System objects by size](#)

The following objects have a nominal mean radius of 400 km or greater. It was once expected that any icy body larger than approximately 200 km in radius was likely to be in hydrostatic equilibrium (HE). [7] However, Ceres (r = 470 km) is the smallest body for which detailed measurements are consistent with hydrostatic equilibrium, [8] whereas Iapetus (r = 735 km) is the largest icy body ...



### The Sun

The Sun is the star at the heart of our solar system. Its gravity holds the solar system together, keeping everything - from the biggest planets to the smallest bits of debris - in its orbit. Countless musicians have written songs about the Sun. The Beatles had a hit in



### List of largest stars

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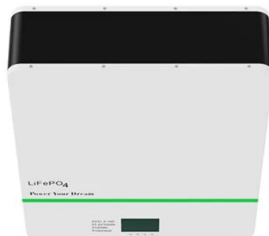
### In Depth , Our Solar System - NASA Solar System Exploration

Formation Formation Our solar system formed about 4.5 billion years ago from a dense cloud of interstellar gas and dust. The cloud collapsed, possibly due to the shockwave of a nearby exploding star, called a supernova. When this dust cloud collapsed, it formed a



### [Explore the Top 10 Largest Stars by Diameter](#)

If it were the main star in our solar system, it would stretch out well beyond the orbit of Mars. Astronomers have measured the temperature of KW Sagittarii at around 3,700 K ...





### Solar System Facts

Our planetary system is called "the solar system" because we use the word "solar" to describe things related to our star, after the Latin word for Sun, "solis." Potential for Life So far, we've only know about life on Earth, but NASA is searching for life ...

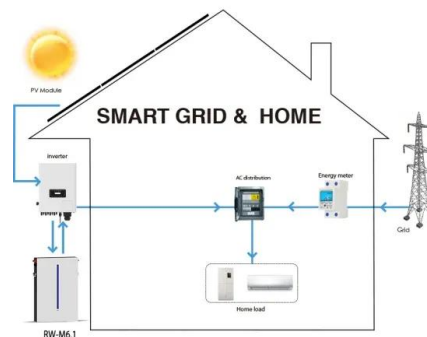


### Stephenson 2-18 (St2-18): Largest Star Known , Star ...

Stephenson 2-18 (St2-18) is a red supergiant or red hypergiant star located in the constellation Scutum. Also catalogued as Stephenson 2-DFK 1 and RSGC2-18, it is the current record holder for the largest star known, with a ...

### What Is The Largest Planet In The Solar System?

The outer solar system contained vast amounts of hydrogen and helium, allowing planets like Jupiter and Saturn to become the largest planets in the solar system. Interestingly, Jupiter and Saturn are probably the two most ...



### VY Canis Majoris

VY Canis Majoris (abbreviated to VY CMa) is an extreme oxygen-rich red hypergiant or red supergiant (O-rich RHG or RSG) and pulsating variable star 1.2 kiloparsecs (3,900 light-years) from the Solar System in the slightly southern ...



### The Size of Our Sun Compared to the Biggest Stars in the

It is the largest of the known stars discovered so far. This star is considered a red hypergiant star since it is so large. It is 4,900 light years from Earth with a diameter of 1.7 billion miles. If it were placed at the center of our Solar System, it would fill the solar

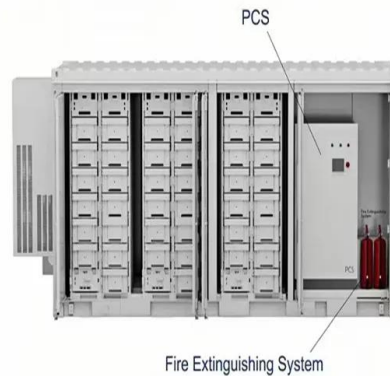


### What's the Largest Star in the Universe?

The biggest stars are much, much bigger than our Sun. What's the largest star in the universe Most Habitable Exoplanet: Earth's Twins Picture a star so big it could swallow our whole solar system, even reaching past Jupiter. That's what stars like UY Scuti

### Meet The 5 Biggest Stars in The Universe // StarLust

Meet The 5 Biggest Stars in The Universe. While the Sun is the largest object in our solar system, it's not a particularly large star. With a radius of 432,000 miles (690,000 km), ...



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