

# Wiki the sun

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## Overview

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The Sun is the star at the center of the Solar System. It is a massive, nearly perfect sphere of hot plasma, heated to incandescence by nuclear fusion reactions in its core, radiating the energy from its surface mainly as visible light and infrared radiation with 10% at ultraviolet energies. It is by far the most important source of.

The English word sun developed from sunne. Cognates appear in other , including sinne, .

The Sun consists mainly of the elements and . At this time in the Sun's life, they account for 74.9% and 23.8%, respectively, of the mass of the Sun in the photosphere. All heavier elements, called in astronomy, account for less than 2%.

The Sun has a that varies across its surface. Its polar field is 1–2 (0.0001–0.0002 ), whereas the field is typically 3,000 gauss (0.3 T) in features on the Sun called and 10–100 gauss (0.001–0.01 T) in .

Solar SystemThe Sun has eight known planets orbiting it. This includes four ( , , , and ), two ( and ), and two ( and ). The Solar System also has.

The Sun is a that makes up about 99.86% of the mass of the Solar System. It has an of +4.83, estimated to be brighter than about 85% of the stars in the , most of which are . It is more massive than.

CoreThe core of the Sun extends from the center to about 20–25% of the solar radius. It has a density of up to 150 g/cm (about 150 times the density of water) and a temperature of close to 15.7 million (K). By.

The Sun today is roughly halfway through the main-sequence portion of its life. It has not changed dramatically in over four billion years and will remain fairly stable for about five billion more. However, after hydrogen fusion in its core has stopped, the Sun will undergo.

The Sun is the Solar System's star and by far its most massive component. Its large mass (332,900 ), which comprises 99.86% of all the mass in the Solar System, produces temperatures and densities in its high enough to sustain nuclear fusion of hydrogen into helium. This releases an enormous amount of , mostly into as peaking in .



Why is the Sun a star?

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. The Sun's gravity holds the solar system together, keeping everything – from the biggest planets to the smallest particles of debris – in its orbit.

What type of energy does the Sun give off?

The Sun, also known as Sol, is a star at the center of the solar system. It is a white star that gives off different types of energy such as infrared energy (heat), ultraviolet light, radio waves and light. It also gives off a stream of particles, which reaches Earth as " solar wind ". The source of all this energy is nuclear fusion.

Is the Sun a dynamic star?

From our vantage point on Earth, the Sun may appear like an unchanging source of light and heat in the sky. But the Sun is a dynamic star, constantly changing and sending energy out into space. The science of studying the Sun and its influence throughout the solar system is called heliophysics. The Sun is the largest object in our solar system.

Are there any science fiction movies based on the Sun?

There are several science fiction films featuring the Sun in the storyline. The Heliophysics Big Year is a global celebration of the Sun's influence on Earth and the entire solar system. NASA's Solar Dynamics Observatory captured this image of an X4.5 solar flare – as seen in the bright flash in the upper right – on May 6, 2024.

What type of star is the Sun?

The Sun is a G-type main-sequence star (G2V), informally called a yellow dwarf, though its light is actually white. It formed approximately 4.6 billion [ a ] years ago from the gravitational collapse of matter within a region of a large molecular cloud.

What is the composition of the Sun?

The Sun is composed of roughly 98% hydrogen and helium, [ 41 ] as are Jupiter and Saturn. [ 42 ] [ 43 ] A composition gradient exists in the Solar



System, created by heat and light pressure from the early Sun; those objects closer to the Sun, which are more affected by heat and light pressure, are composed of elements with high melting points.



## Wiki the sun

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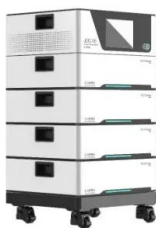


### [The Sun and Moon Show Wiki , Fandom](#)

Welcome to the Sun and Moon Shows wiki, here you can read all about your favorite characters like Sun, Moon, Lunar, Eclipse or any other character that has made an appearance on the Sun and Moon show. Here you can learn about ...

### **Kill the Sun (Novel) , Kill the Sun Wiki , Fandom**

Kill the Sun is a novel written by Warmaisach and published on WebNovel. It is likely a part of Warmaisach's greater universe, along with Sword God in a World of Magic and Lightning Is The Only Way. Earth, thousands of years after the apocalypse. Countless technologies and advances had been lost to time as the Specters, horrifying beings with terrifying powers, arrived and ...



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????????( ??? : ??? ?? / ??? ??,??: Descendants Of The Sun )???KBS?2016?2?24????????????,????????? ?????????,?Dream High?????2013????????????????????????????

### **The Brothers Sun**

The life of average Californian Bruce Sun is turned upside down when his older brother, Charles Sun, visits Los Angeles, California, from



Taipei, Taiwan. Having no recollection of his past in Taipei, Bruce learns about his family's profession ...



### Klara and the Sun

Klara and the Sun is the eighth novel by the British writer Kazuo Ishiguro, published on 2 March 2021. It is a dystopian science fiction story. Set in the U.S. in an unspecified future, the book is told from the point of view of Klara, a solar-powered AF (Artificial Friend), who is chosen by Josie, a sickly child, to be her companion.

### Sun

Sun is an element which can be found in the Special category. It produces Light about every second. It has many different variants when its temperature is adjusted, some being a reddish-pinkish color, or when cold enough, it turns brown. When it gets to a low enough temperature, it explodes into a Supernova and Void. Sun will turn into an orange color when covered with ...



### Solar System

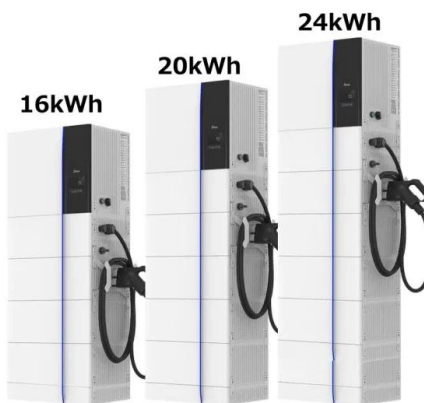
The Solar System [d] is the gravitationally bound system of the Sun and the objects that orbit it. [11] It formed about 4.6 billion years ago when a dense region of a molecular cloud collapsed, forming the Sun and a protoplanetary disc. The Sun is a typical star that



### Solar System

OverviewSunFormation and evolutionGeneral characteristicsInner Solar SystemOuter Solar SystemTrans-Neptunian regionMiscellaneous populations

The Sun is the Solar System's star and by far its most massive component. Its large mass (332,900 Earth masses), which comprises 99.86% of all the mass in the Solar System, produces temperatures and densities in its core high enough to sustain nuclear fusion of hydrogen into helium. This releases an enormous amount of energy, mostly radiated into space as electromagnetic radiation peaking in visible light.



### Solar mass

The mass of the Sun cannot be measured directly, and is instead calculated from other measurable factors, using the equation for the orbital period of a small body orbiting a central mass. [10] Based on the length of the year, the distance from Earth to the Sun (an astronomical unit or AU), and the gravitational constant (G), the mass of the Sun is given by solving Kepler's ...

[The Sun , ITS TIME FOR THE Wiki , Fandom](#)

The Sun (or simply Sun) is a contestant



competing in IT'S TIME FOR THE. The Sun is a ball of glowing yellow and white plasma. He is completely limbless and only has a face; Representing the actual sun. In Will You Ever Know?, they ...



### Empire of the Sun (band)

Empire of the Sun is an Australian electronic music duo formed in 2007. [6] The duo is a collaboration between Luke Steele, formerly of alternative rock band The Sleepy Jackson, and Nick Littlemore, of electronic dance band PNAU.[7] [8]Empire of the Sun's 2008

### Sun

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### Miracle of the Sun

Page from Ilustração Portuguesa, 29 October 1917, showing the people looking at the Sun during the Fátima apparitions attributed to the Virgin Mary The Miracle of the Sun (Portuguese: Milagre do Sol), also known as the Miracle of Fátima, is ...



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2 ???·  
?????(Sun)??????"sunny",????,??????.solar( / ' s  
o? l ?r / ) [3],????? sol [27],???solar  
day(???)?solar eclipse (??)?Solar ...



[The Sun \(gruppo musicale italiano\)](#)

I The Sun sono un gruppo rock italiano originario di Thiene, in provincia di Vicenza. Il gruppo è il risultato dell'evoluzione artistica della band Sun Eats Hours, attiva dal 1997. Hanno raggiunto un successo internazionale, che ha permesso loro di affermarsi tra i gruppi



**Earth's orbit**

Earth at seasonal points in its orbit (not to scale)  
Earth orbit (yellow) compared to a circle (gray)  
Earth orbits the Sun at an average distance of 149.60 million km (92.96 million mi), or 8.317 light-minutes, [1] in a counterclockwise direction as viewed from above the Northern Hemisphere..



**XIX-??**

?wiki????????????????,?????????????:???The Binding of Isaac: Rebirth ??????????????????????  
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## 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 ...

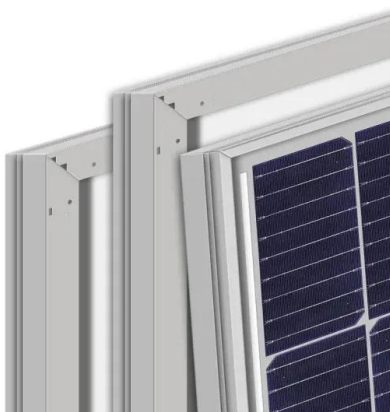


## The Sun

The Sun is a Stand in Project JoJo. The Sun takes on the form of a large fiery sphere in the sky, similar to its anime and manga counterpart. IMPORTANT Some of the moves suffer from this glitch Hitboxes not working all of the time Note: No exact damage for R as it doesnt show up on !mylogs Although The Sun applies constant burn damage to anyone near its user, said ...

## Sun , Definition, Composition, Properties, Temperature, & Facts

2 ???· Sun, star around which Earth and the other components of the solar system revolve. It is the dominant body of the system, constituting more than 99 percent of its entire mass. The ...



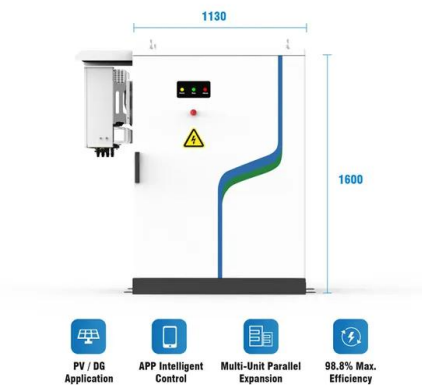
## [Descendants of the Sun , Drama Wiki , Fandom](#)

See also: Descendants of the Sun (BTS), Descendants of the Sun (recap special), and Descendants of the Sun (2020) Descendants of the Sun (??? ??; Taeyang-ui Huye) is a 2016 South Korean television series starring Song Joong Ki, Song Hye Kyo, Jin Goo, and Kim Ji Won. KBS then aired three additional special episodes from April 20 to April 22, 2016 containing ...



[The Sun , Galaxy Girlpedia Wiki , Fandom](#)

The Sun one of the main characters in Milky Way and the Galaxy Girls. Her notable talent is her ability to sing. The Sun wears a short yellow tank top plastered with the word "HOT" in red on it, orange shorts, and white roller skates. Her hairdo is in the shape of an orange afro (much like the star). For makeup, she wears orange lipstick and cream yellow eye lining. Her symbol is a Sun ...



### Position of the Sun

The Sun over Phang Nga Bay in Thailand (), at 7:00 a.m. local time on a March morning The position of the Sun in the sky is a function of both the time and the geographic location of observation on Earth's surface.As Earth orbits the Sun over the course of a year, the Sun appears to move with respect to the fixed stars on the celestial sphere, along a circular path called the ...

### Children of the Sun

Children of the Sun is the first quest in the Twilight Emissaries series, which introduces players to Varlamore, the Shining Kingdom of the far west. In the quest, a delegation from Varlamore arrives in Varrock for a historic treaty signing with the rulers of Misthalin, but the visit is disrupted by a nefarious plot that the player must uncover.



### General Astronomy/The Sun

The Sun is the star at the center of the solar system, around which Earth, the seven other planets, and numerous other bodies revolve. It is sometimes called Sol (hence the term "solar system"). The Sun has a mean diameter of 1.392 million kilometers, which is 109.1 times the diameter of Earth and 9.7 times the diameter of



the largest planet, Jupiter.



[The Sun , Midnight Horrors Wiki , Fandom](#)

In Version 1.20.0 (April Fools' 2021) and Version 1.38.0 (April Fools' 2022), The Sun was renamed to "Troll Sun" and The Sun and his minions were given troll faces. The Sun appeared in older versions of Midnight Horrors before being removed in Version 1.3 (Killer Overhaul Update) and then re-added back version 1.3.10, before 1.3 The Sun had glowing blue eyes and only one ...



**A Raisin in the Sun**

A Raisin in the Sun is a play by Lorraine Hansberry that debuted on Broadway in 1959. [1] The title comes from the poem "Harlem" (also known as "A Dream Deferred" [2]) by Langston Hughes. The story tells of a black family's experiences in south Chicago, as they attempt to improve their financial circumstances with an insurance payout following the death of the ...

**THE SUN! THE SUN!**

THE SUN! THE SUN! is a Sunless Sea Zee Random Event. Note, this is a different event to The Sun, the Sun and The Sun, the Sun!. It requires more Menaces: Yearning, Burning. Be warned, this will occur extremely frequently, if you have any Sunlight-Filled Mirrorcatch Boxes on you. THE SUN! THE SUN! is triggered at zee if you have the following: Menaces: Yearning,



Burning >= ...



### Pyramid of the Sun

The Pyramid of the Sun is the largest building in Teotihuacan, and one of the largest in Mesoamerica is believed to have been constructed about 200 CE. [4] Found along the Avenue of the Dead, in between the Pyramid of the Moon and ...

### Position of 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. Skip to main content



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