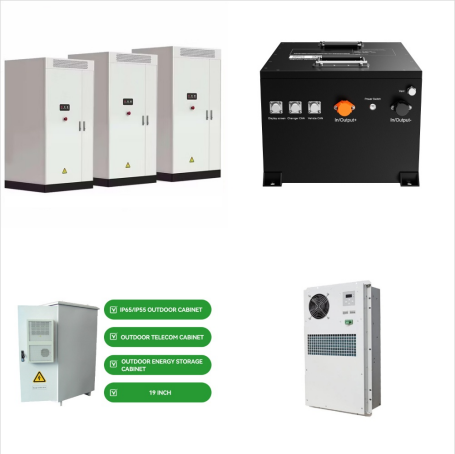
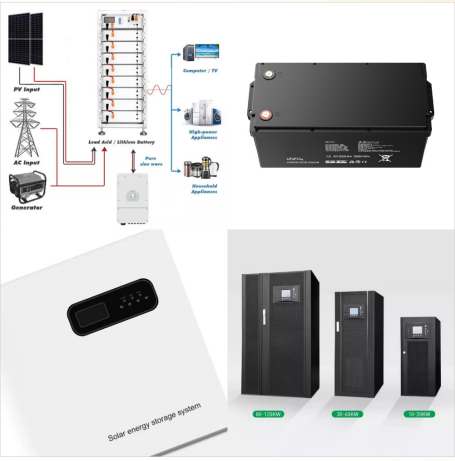
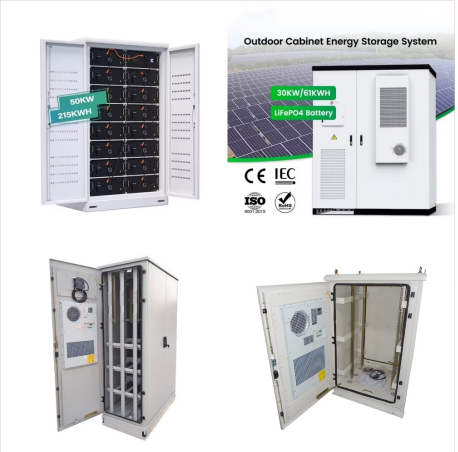


Somehow these space-in-perspective graphics and interactives never get old. I guess the size of space is just that mind-blowing. In the latest addition to the collection, Josh Worth imagines the moon as one pixel for size and from there provides "a tediously accurate scale model of the Solar System.". It's a long side-scrolling page that starts at the sun and ???

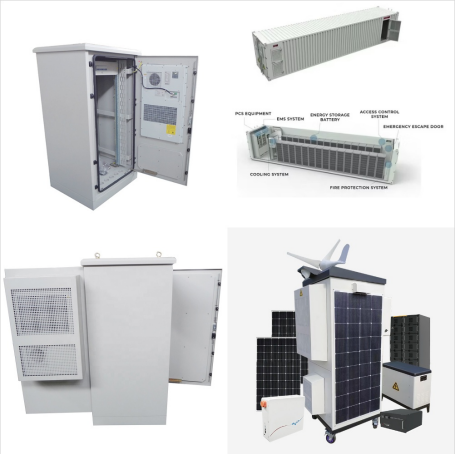


If the Moon were one Pixel is "a tediously accurate scale model of the Solar System" with text in multiple languages including Spanish, Chinese, and more. The Map a Model Solar System interactive by PBS LearningMedia lets you set the center of the solar system in any location in the United States, pick a scale based on the size of the Sun or

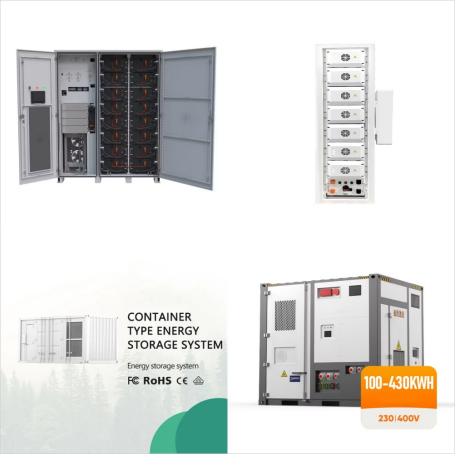


If the Moon Were Only 1 Pixel is a project by interactive media designer Josh Worth that attempts to accurately portray just how distant the Sun and planets are from each other using a single pixel to represent the Earth's moon ??? which has an actual diameter of 3,474.8 kilometers ??? for scale. Worth was inspired to work on the project after trying to explain the same concept ???

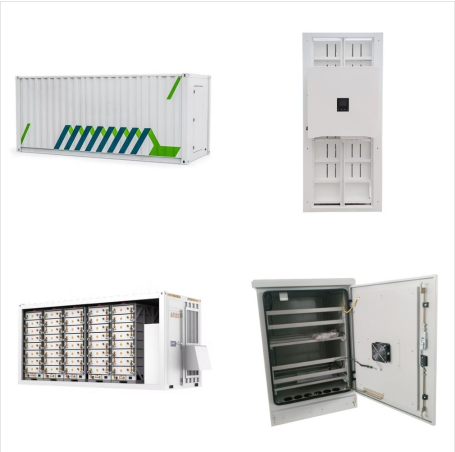
IF THE MOON WAS A PIXEL



The Pixel 7 Pro should be able to click a decent picture of the moon. The moon's position in the night sky is a factor, and users should try to capture it when it appears the largest. Pixel features like Night Sight may help users snap a better image, too. If users want to get an even closer view, getting an external telephoto lens will help.

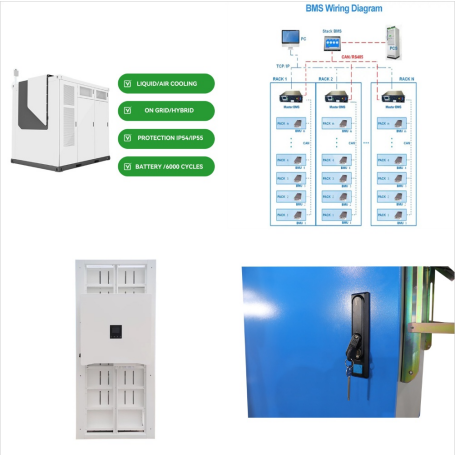


How would the solar system look if the moon was a pixel? Explore a scale model of the solar system where the moon is the base unit of measurement and see how the sizes and distances of planets change.

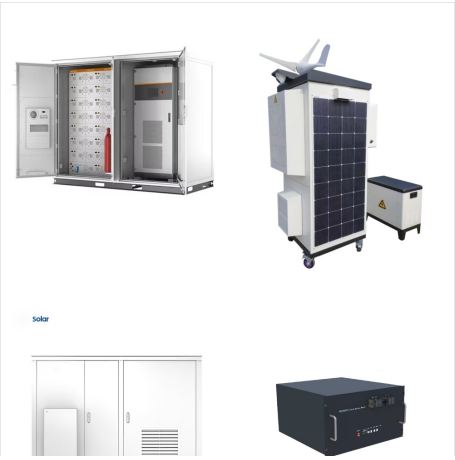


To put the vastness of outer space in perspective, Josh Worth, an artist and designer, created "If the Moon Were Only 1 Pixel". It's a website where you can scroll through the solar system. To scale. It's kind of insane. I showed it to Eddie today as a perfect after-nap activity, cuddled up on the???

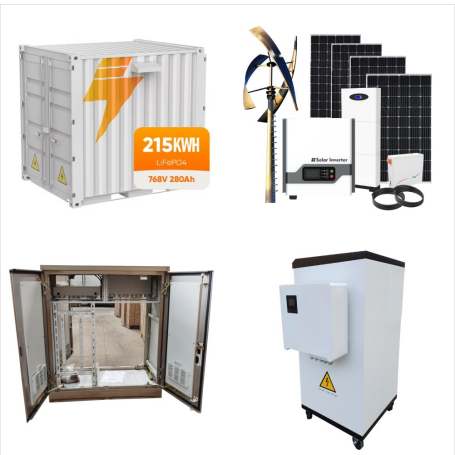
IF THE MOON WAS A PIXEL



The website, If the moon were only 1 pixel, not surprisingly, accurately scales the solar system with the moon's diameter being only one pixel on your screen. Prepare yourself for a lot of sideways scrolling ??? Pluto's 1,700,423.5 pixels away from the sun. Hat tip: Farnam Street Brain Food No. 346.

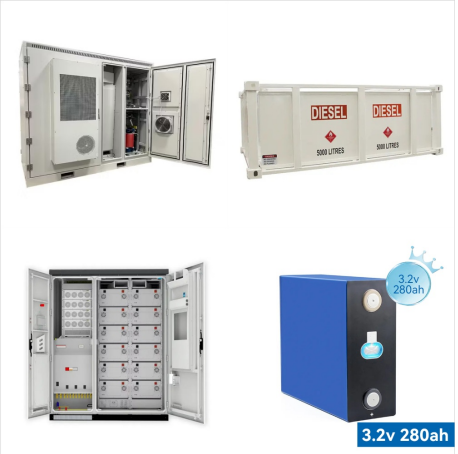


It begins by showing the size of the moon as one pixel. Then, by scrolling horizontally, the user can take a trip through our solar system beginning from the sun. You not only see the relative sizes of each of the objects compared to the moon, but also the massive distances covered in space between each one.

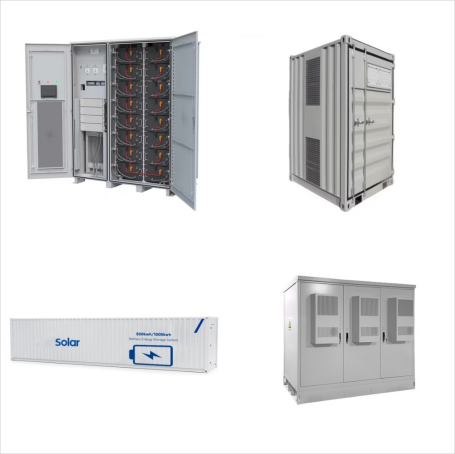


If this map was printed from a quality printer (300 pixels per inch) the earth would be invisible, and the width of the paper would need to be 475 feet. 475 feet is about 1 and 1/2 football fields. Even though we don"t really understand them, a lot can happen ???

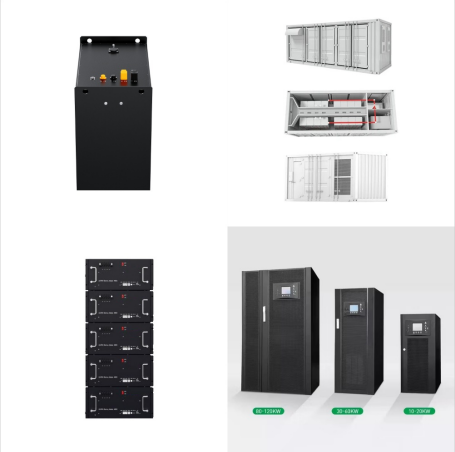
IF THE MOON WAS A PIXEL



I''ve been using the "If the Moon were Only 1 Pixel" simulation for a few years now, but never quite had the goal-oriented setup I wanted. This resource was perfect for guiding students to analyze what they were viewing with the simulation. Thank you! ??? Stephanie B. Rated 5 ???

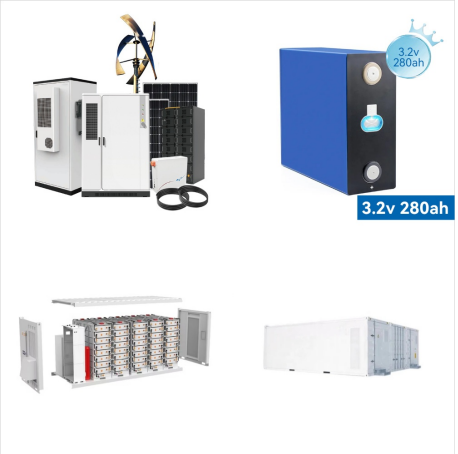


Not a nitpick as such, but even a linear display such as this is implicitly ignoring two of the three spatial dimensions; to imagine a blob of 1 px in size representing say Pluto or the earth's moon without scroll bars, you would need a 2D computer display of about 4 million pixels in each direction ??? say sixteen trillion (1.6x10??

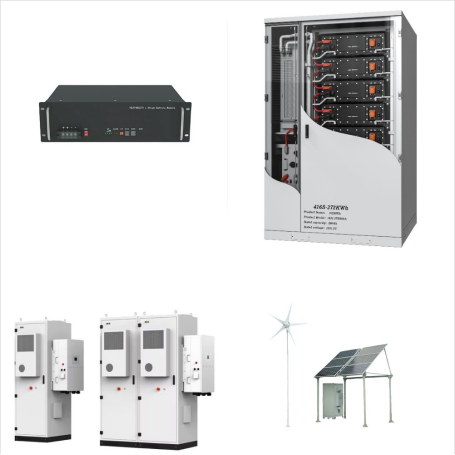


There's a lot of space in space. That's the point hammered in by this huge to-scale map of the solar system, If The Moon Were Only 1 Pixel, created by the interactive designer Josh Worth.The map

IF THE MOON WAS A PIXEL



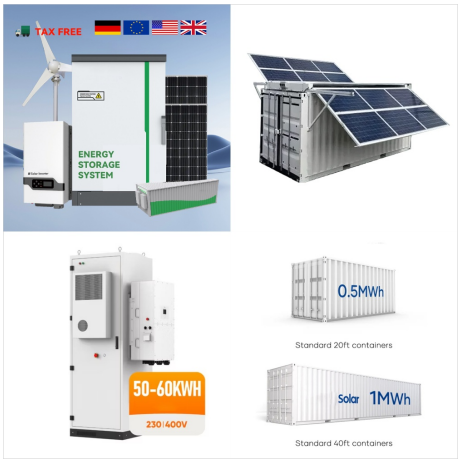
I don"t know, man. People once thought the idea of putting a man in the moon was ludicrous. Humanity achieved that shortly after developing a space program. Technology is on an exponential upswing and more possibilities are becoming realities. The first one has a scale of 1 pixel = 1 billion km, the second one has a scale of 1 pixel = 10



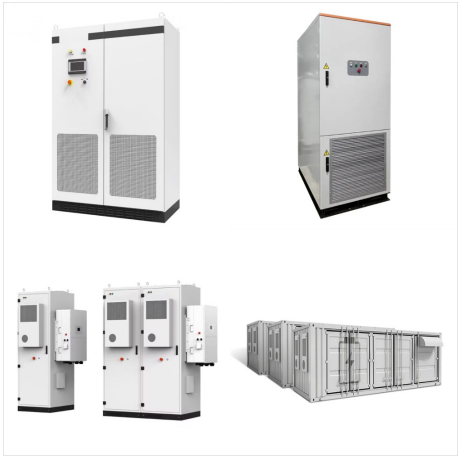
If the Moon Were Only 1 Pixel. A tediously accurate scale map of the solar system that illustrates the mind-boggling amount of space between planets. This started as a personal curiosity project and ended up getting ???

If The Moon Were Only 1 Pixel. Posted on Wednesday, February 17th, 2016 by Toby Sanders. If the Moon Were Only 1 Pixel is a tediously accurate model of the solar system.. The World Is A Big Place. If the Moon Were Only 1 Pixel is a project that asks its" users to look at the solar system in a new way. Interactive media designer, Josh Worth, has brought all the ???

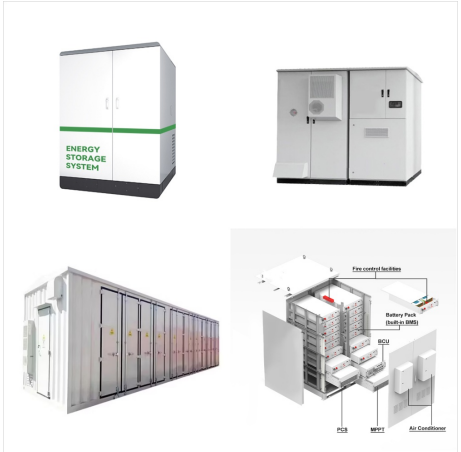
IF THE MOON WAS A PIXEL



It starts from the premise of the moon being 1 pixel high, and scales the rest of the solar system accordingly. Be warned: there's a lot of scrolling involved. A lot of scrolling. The journey's kept amusing by odd little snippets ???

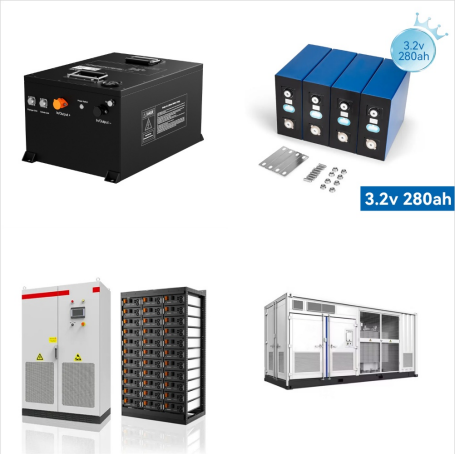


In case you weren''t already over the moon about NASA getting up-close and personal with what was once our most distant planet (now the largest dwarf planet in our Solar System), consider this

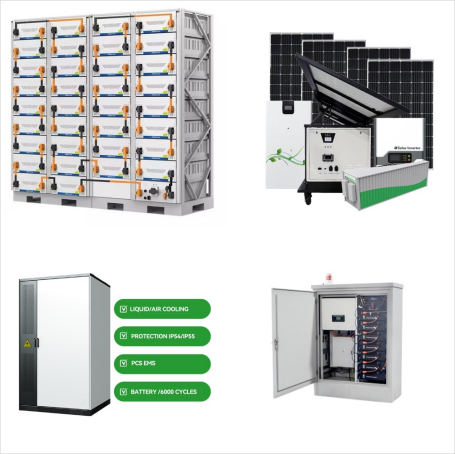


If this map was printed from a quality printer (300 pixels per inch) the earth would be invisible, and the width of the paper would need to be 475 feet. Isn''t the assumption of this site that the moon is one pixel? Why would the Earth be invisible? Maybe they are assuming you are standing far enough away to view the whole thing.

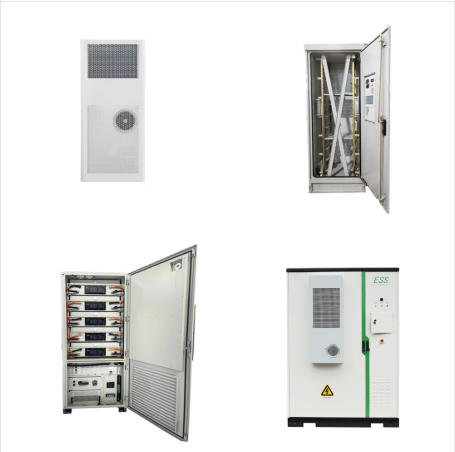
IF THE MOON WAS A PIXEL



If The Moon Were Only 1 Pixel. Released January 1, 2020. A video adaptation of Josh Worth's website in which he recreates the Solar System to scale with the Moon only being one pixel big. Josh Worth can be found here. The music in the piece was composed by ???

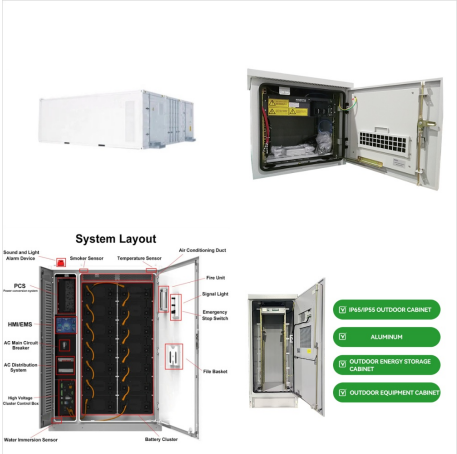


If one pixel equals 3474 km (diameter of the moon) then the amount of pixels needed are roughly 1.3x10 6 pixels. If you use A4 and print with a pixel density of 600 PPI you get 7016 pixels in landscape and thus 1.3x10 6 / 7016 sheets ~= 185 sheets, which is 55 meters. Each pixel would be 42 micrometers wide though, which according to some

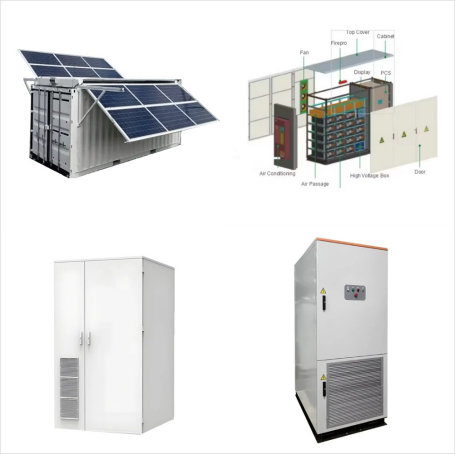


Also, it's amusing how the asteroids between Mars and Jupiter (and the planet's smaller moons) are reduced to "nothing" on this map since they would be smaller than 1 pixel. I"m also glad that it told me it would take 886 screens to encompass the entire map, because I was wondering that before I even made it to Mars.

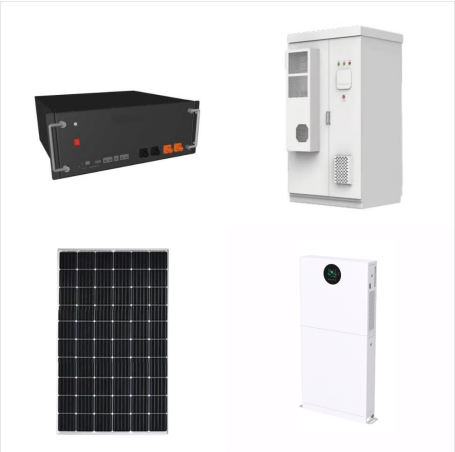
IF THE MOON WAS A PIXEL



If the Moon Were Only 1 Pixel. If The Moon Were Only 1 Pixel is a web page that allows users to scroll on screen through the entire solar system scribed by its creator, Josh Worth, as "a tediously accurate scale model of the solar system," it gives users a unique feel for the scope of these distances and the vastness of space.Clever notes and facts along the way ???



Also if it showed objects with one quarter of the diameter of the moon it would still be less than 50 objects. just is not that much big stuff. You have to consider also that objects in space exist in 3 dimensions so a linear view like this makes them appear closer than they actually are.



"The moon rose up from behind me and lit everything up and just made this beautiful landscape," says Wilson, an astrophotographer who has worked with the Google Pixel team to develop some of its pro-level features. Pixel is opening up possibilities for night photography,