



What is Google Project Sunroof?

Google wants to make installing solar panels easy and understandable for anyone. Project Sunroof puts Google's expansive data in mapping and computing resources to use, helping calculate the best solar plan for customers. Project Sunroof computes how much sunlight hits your roof in a year.

Does Project Sunroof have solar data?

We currently have solar data for portions of 50 states and Washington DC. See if we've got you covered. Project Sunroof is a solar calculator from Google that helps you map your roof's solar savings potential. Learn more, get an estimate and connect with providers.

Does Project Sunroof work?

Yes, Project Sunroof is specifically designed to help homeowners who are interested in going solar. It provides valuable information about the solar potential of their rooftops and helps them plan and estimate the solar installation costs. How does Project Sunroof access the data from the solar API?

How much data does sunroof process?

Sunroof processes roughly 1 petabyte(1,000 terabytes) of data: height and color for 43 million homes; weather information; about 1,000 state and local incentives; and hundreds of local electricity rates. Over the past 3 years, Sunroof has grown from a part-time project to a full-time job for Elkin and his team.

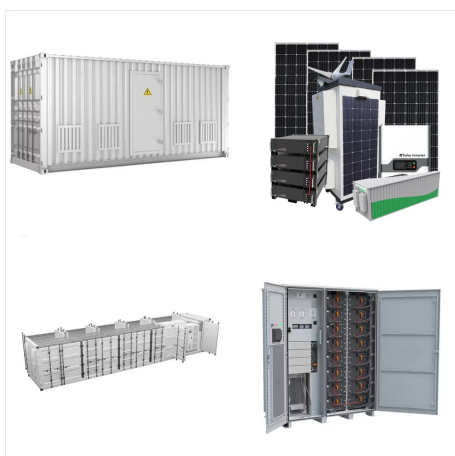
What is sunroof & how does it work?

Initially launched to drive consumer awareness and education, the service now also makes it easy for interested homeowners to connect with solar providers in their area. Sunroof covers 43 million rooftops in the U.S. -- which is more than 50% of all households -- and in the coming months will be available in all 50 states.

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Project Sunroof puts Google's expansive data in mapping and computing resources to use, helping calculate the best solar plan for customers. Project Sunroof computes how much sunlight hits your roof in a year. It takes into account: ??? Google's database of imagery and maps ??? 3D modeling of your roof ??? Shadows cast by nearby structures and



In 2019, Google's Project Sunroof launched in Canada and now powers data-driven solar insights to homeowners and installers across the country. The solar API provides personalized solar energy estimates for a given rooftop, which ???



Project Sunroof is an innovative initiative by Google that aims to accelerate the adoption of rooftop solar energy. Using the power of Google Maps and the Solar API, Project Sunroof provides homeowners with detailed information about their rooftop's solar potential, including the amount of sunlight it receives and the estimated energy production that can be ???

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Esto lo hace posible gracias a las imágenes y a satélites que obtiene de Google Maps. Project Sunroof nació en el año 2015 de la mano del ingeniero Carl Elkin. La aplicación hace un cálculo de la cantidad de radiación solar que se tiene al año fijándose en diferentes parámetros totalmente contrastados por instituciones oficiales



"But my version of project sunroof is better. And my lead gen funnel is better and more transparent and free as well " says Mr Qualify for Solar ????. Google's "Project Sunroof" is so wildly inaccurate as to be essentially pointless for any data relating to rooftop solar PV projections, design, capacity, etc.



According to Google, Project Sunroof is capable of helping users generate close to 100% of their electricity use, based on roof size, the amount of sun hitting the roof, and the electricity bill. It also uses the present solar industry pricing data to run the numbers on leasing, taking a loan, or buying solar panels for the house to help

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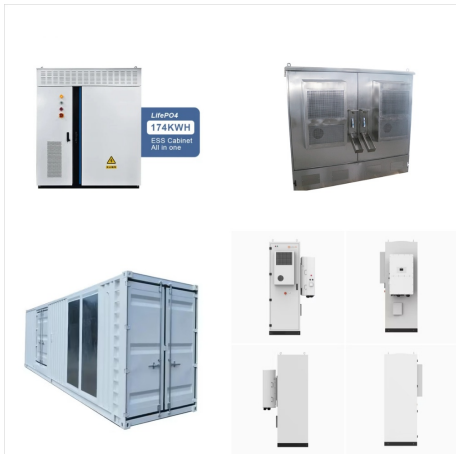


Included panels receive at least 75% of the maximum annual sun in the county. For New York, the average value of the threshold is 993 kWh/kW. Read about Project Sunroof's methodology for defining solar viability below. Read methodology



Project Sunroof expanded data coverage, included new data to make the calculations more accurate, and updated some calculations. Specific changes include: Increased coverage from 42 states to 50 states, with total building coverage increasing from 43M to 60M. Switched from NREL data to Solar Anywhere 10-km gridded weather data for most of the

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Today Google updated its Project Sunroof with some pretty striking data on approximately 60 million buildings and the viability for Solar Panels to power them. According to the search giant



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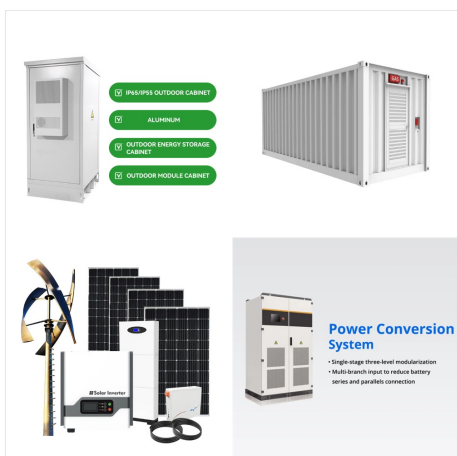


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that helps you map your roof's solar savings
potential. Learn more, get an estimate and connect
with providers. Enter a state, county, city, or zip
code to see a solar estimate for the area, based ???

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Using the power of Google Maps and the Solar API, Project Sunroof provides homeowners with detailed information about their rooftop's solar potential, including the amount of sunlight it receives and the estimated ???



All estimates are based on buildings viable for solar panels. Included panels receive at least 75% of the maximum annual sun in the county. For Washington, the threshold is 1,035 kWh/kW. Read about Project Sunroof's methodology for defining solar viability below.



Maximale Solarleistung und Einnahmen online berechnen Interessenten können dies nun ganz einfach feststellen: Google bietet in Kooperation mit E.ON auf der Seite erstmals ausserhalb der USA seinen Solarstrom-Ertragsrechner Project Sunroof an. Das Online-Tool nutzt Daten aus Google Earth, Google Maps und 3-D-Modelle sowie Machine Learning.

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Project Sunroof was created by Google engineer Carl Elkin as a 20% time project. While initially launching only in the cities of Boston, San Francisco, and Fresno, [3] the project now displays solar potential for 43 million homes in the US. [4] Google has previously invested in projects with solar energy provider, SolarCity. [5] While the solar insights provided by Project Sunroof were