

SolarInvert Energy Solutions

**How many hydrogen energy
base stations are there in the
country**



Overview

How many hydrogen refuelling stations are there worldwide?

According to the latest figures from LBST's H2stations.org report, the number of operational hydrogen refuelling stations worldwide has officially crossed the 1,000 mark. Specifically, by the end of 2024, around 1,160 stations were up and running – an impressive milestone for an industry once viewed as the distant future of clean mobility.

Which countries have the most hydrogen stations?

(Image: H2stations.org) Asia leads by a wide margin, boasting 748 active stations. China accounts for the largest share at 384, followed by South Korea with 198 and Japan at 161. Notably, South Korea added 25 stations – its third consecutive year at that pace – reinforcing its position as a major hydrogen hub.

How many hydrogen stations are there in Europe?

Notably, South Korea added 25 stations – its third consecutive year at that pace – reinforcing its position as a major hydrogen hub. Europe saw its station count rise to 294, with Germany at 113 and France at 65. The Netherlands reached 25 stations, while Bulgaria and Slovakia each opened their very first stations in their capitals.

Which country has the most hydrogen refueling stations?

A paid subscription is required for full access. China has the greatest number of hydrogen fuel stations of any country worldwide. As of August 2024, there were 226 operational hydrogen refueling stations in the country. This was followed by South Korea and Japan.

Which countries are deploying hydrogen stations?

Four other Asia-Pacific countries have also deployed hydrogen stations. So far, Germany is the only European country with more than 100 hydrogen stations

installed. Other European countries that are deploying hydrogen stations include France, the United Kingdom, Slovenia, the Netherlands, Switzerland and Spain.

How many hydrogen refueling stations are there in Japan?

As of August 2024, there were 226 operational hydrogen refueling stations in the country. This was followed by South Korea and Japan. Japan's position as the leading provider of hydrogen automotive fuel is unsurprising given that Japanese automakers Toyota and Honda are among only a handful of car manufacturers selling hydrogen cars to the public.

How many hydrogen energy base stations are there in the country

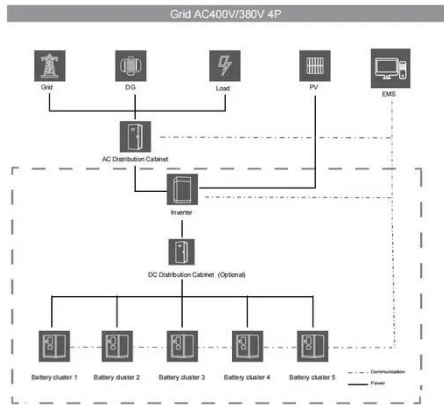


Chart: Which countries are leading the green ...

Feb 2, 2024 · But where will most of this green hydrogen be produced? Besides China's enormous lead, the answer is a bit all over the map. According to the ...

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Nearly 80% of global hydrogen refueling stations are ...

Feb 7, 2025 · Five countries - China, South Korea, Japan, France and Germany - each have more than 100 hydrogen stations (HRS) stations in operation, accounting for a combined share of ...

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Milestone reached: over 1,000 hydrogen ...

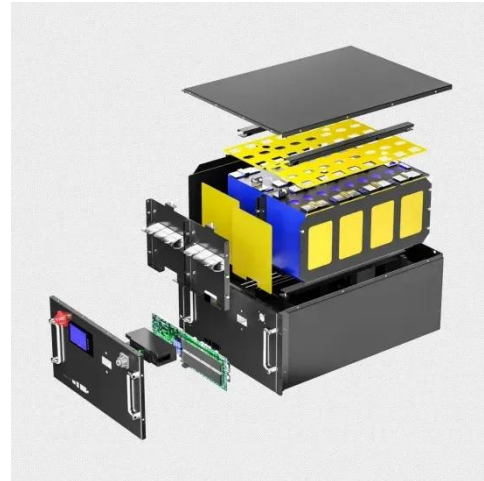
Feb 11, 2025 · The first hydrogen refuelling stations in Bulgaria and Slovakia have been opened in their capitals. While many projects in Europe are still in the ...

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Hydrogen Filling Stations - U.S. and Canada

Hydrogen Filling Stations - U.S. and Canada Discover the growing network of hydrogen refuelling stations across the US and Canada, a key element in the ...

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New report: There are now 1,000+ hydrogen ...

Feb 17, 2025 · Global hydrogen refuelling stations surpassed 1,000 in 2024, with 1,160 now in operation across 45 countries.

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Hydrogen Production Projects Interactive Map - ...

Nov 13, 2024 · The Hydrogen Production Projects Database covers all projects commissioned worldwide since 2000 to produce hydrogen for energy or ...

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Hydrogen Stations in the World. Map and List

Feb 13, 2024 · China accounts for about a third of global installations. The United



States has about 100 hydrogen stations. The second country with the most hydrogen stations installed ...

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How Many Hydrogen Fuel Stations Are There in ...

Sep 13, 2020 · Besides, new stations are in development in the Pacific Northwest and the Northeastern part of the country. How to Discover Hydrogen Filling ...

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Hydrogen Stations in the US: Current Status

Oct 12, 2024 · While hydrogen vehicles have been touted as the future of transportation for decades, the reality of fueling them in the United States ...

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The Global Hydrogen Revolution: Which ...

Oct 18, 2024 · Governments and industries worldwide invest heavily in

hydrogen infrastructure and technology, driving the global energy transition. The

...

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Where are the world's 1,100 hydrogen refueling ...

According to statistics, global HRS deployments, under construction and planning, reached 1,680 units during the first half of 2024 ("planning" stations ...

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Hydrogen Station Database 1Q 2025: China Leads with the

Jan 21, 2025 · According to the database, the highest number of hydrogen stations have been built in China, followed by Japan. In the Asia-Pacific region, the deployments in China grew ...

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The number of hydrogen fuel-cell vehicles on ...

May 2, 2023 · The number of hydrogen

fuel cell electric vehicles (FCEVs) on the world's roads increased by 40% in 2022, compared to 2021, totalling more ...

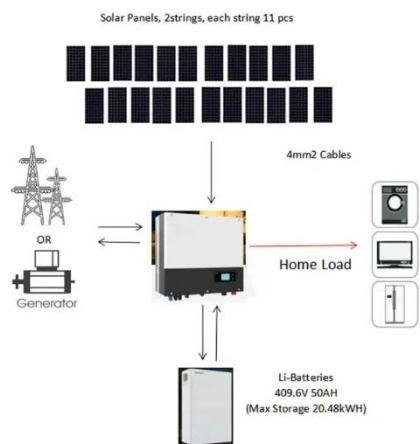
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How many 5G Cell Towers & Base Stations ...

Aug 15, 2020 · A question I often see people ask is how many cell towers / base stations are there worldwide? Surprisingly this information is not as easy to ...

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Nearly 80% of global hydrogen refueling ...

Feb 7, 2025 · Five countries - China, South Korea, Japan, France and Germany - each have more than 100 hydrogen stations (HRS) stations in operation, ...

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1000 Hydrogen Refueling Stations in Operation ...

May 28, 2024 · By the end of 2023, a total of 1,068 hydrogen refueling

stations (HRS) were in operation in 35 countries worldwide, as growth of hydrogen ...

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New report: There are now 1,000+ hydrogen ...

Feb 17, 2025 · According to the latest figures from LBST's H2stations report, the number of operational hydrogen refuelling stations worldwide has officially ...

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Hydrogen Map shows 57 projects are ...

Jun 8, 2021 · Pillsbury Law has created The Hydrogen Map which tracks more than 200 blue and green projects globally. Currently there are 57 projects ...

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Hydrogen Stations in India. Map and List

Feb 13, 2024 · Examples of projects include the development of hydrogen-

powered internal combustion engines to power two- and three-wheelers and minibuses, as well as the ...

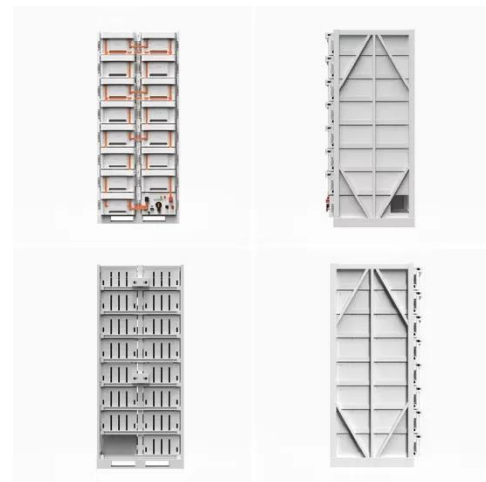
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1000 hydrogen refueling stations in operation globally, ...

May 24, 2024 · By the end of 2023, there were 1,063 hydrogen refueling stations (HRS) in operation in 35 countries worldwide. The number of stations globally is forecast to increase to ...

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Hydrogen Stations UK. Map and List

Aug 14, 2024 · The first hydrogen station open to the public in the United Kingdom was opened in 2004 in Hornchurch, Essex. This station marked the beginning of an era of significant ...

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'China is the world leader in hydrogen refuelling ...

Mar 21, 2024 · China has built more

hydrogen refuelling stations than any other country, with 354 already operational at the end of 2023, according to Interact ...

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Milestone reached: over 1,000 hydrogen ...

Feb 11, 2025 · At the end of the year, Europe had 294 hydrogen refuelling stations, 113 of which were in Germany. France was in second place in ...

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There are only 1,160 hydrogen refuelling ...

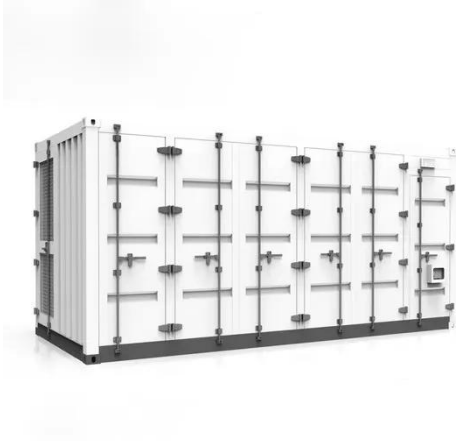
The sparse network of refuelling stations is one of the reasons why hydrogen for cars is not catching on. This is made abundantly clear by a new report.

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Hydrogen Fueling Station Locations

Hydrogen Fueling Station Locations Find hydrogen fueling stations in the United



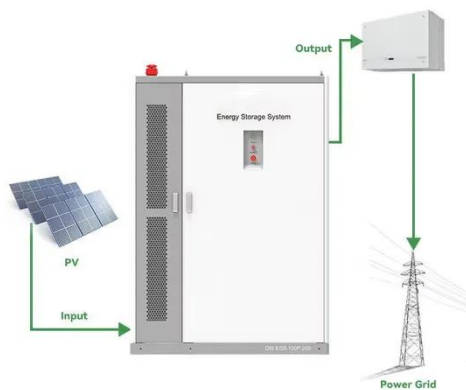
States and Canada. For Canadian stations in French, see Natural Resources Canada.

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The European hydrogen market landscape

Nov 29, 2023 · Disclaimer The aim of this report is to reflect the situation in the European hydrogen market landscape as of the end of 2022, unless stated otherwise. The authors ...

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The State of Hydrogen Fueling Stations in the U.S.

Oct 3, 2024 · Explore the current landscape of hydrogen fueling stations in the U.S., covering infrastructure growth, challenges, and future opportunities.

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Hydrogen Resource Data, Tools, and Maps

2 days ago · The objective was to determine the location and number of

hydrogen stations nationwide that would make hydrogen fueling available at regular ...

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Where Are Hydrogen Fuel Stations in the UK?

Jul 15, 2024 · British drivers seeking hydrogen fuel stations in the UK can discover strategic locations, costs, and future expansion plans in this ...

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What is the current state of hydrogen power for ...

May 21, 2024 · By December 2023, there were 16 stations across the country with a further 16 projects set to open in Britain. What cars can I buy that run on ...

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US government schedules national hydrogen ...

Mar 15, 2024 · US government schedules national hydrogen refuelling station roll-

out from 2027 National Zero-Emission Freight Corridor Strategy foresees ...

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Hydrogen Stations Australia. Map and List

Aug 14, 2024 · The first publicly-available hydrogen station in Australia opened in 2014 in Canberra. This station, operated by ActewAGL, marked a milestone in the transition to cleaner ...

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Standard 20ft containers



Standard 40ft containers

Hydrogen fuel filling stations

There are a small number of hydrogen (H₂) fuel stations in the UK, producing and distributing pressurised hydrogen gas. These innovative stations are able to produce green hydrogen on ...

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World Hydrogen Database , H2 Market Players

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comprehensive list of over 1200 key companies active in the upstream ...

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