



EQACC SOLAR

Communication capacity of China's 5G base stations



Overview

How many 5G base stations are there in China?

2027 master plan - a second 'Set Sail' 5G expansion plan aims for 85% 5G penetration and 75% of network traffic on 5G. The total number of 5G base stations in China reached 4.486 million as of the end of May (2025), according to data released by the country's Ministry of Industry and Information Technology (MIIT).

How many 5G base stations will China Mobile have in 2025?

China Mobile, the world's largest mobile carrier in terms of subscribers, had previously outlined plans to deploy 340,000 additional 5G base stations in 2025. With these new 5G deployments, China Mobile's total 5G base stations will reach nearly 2.8 million by the end of 2025.

How many 5G sites are there in China?

Mobile operators in China are ramping up 5G and 5G-A rollouts, with the former now at 4.5 million cell sites and the latter in 300 cities; a new 2027 roadmap will see 75% of mobile data in the country on 5G networks. 5G on 5M sites - China has over 4.486 million 5G sites; 5G now comprises more than 35% of total mobile base stations.

How many mobile operators in China are launching 5G & 5g-a?

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China 5G base stations approach 4.5M

China's mobile operators added 235,000 5G base stations in the first five months of 2025, taking their combined total to nearly 4.5 million.

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China sees strong growth in 5G base stations

China witnessed substantial growth in the number of 5G base stations this year, according to the latest data from the Ministry of Industry and Information Technology. As of the ...



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China Has Built 4.598 Million 5G Base Stations, Achieving ...

As of the end of July this year, 4.598 million 5G base stations have been built, with gigabit network capacity ports exceeding 30.53 million, achieving 'gigabit connectivity in every ...

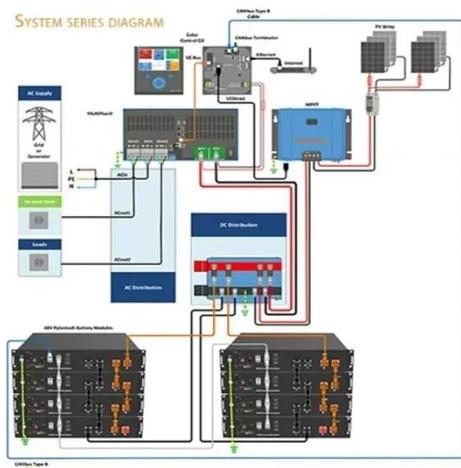
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China's 5G User Base Expands

by Over 100 Million in First ...

Behind this rapid user growth is the continuous improvement of 5G infrastructure. By the end of June, China had built a cumulative total of 4.549 million 5G base stations, an ...

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China 5G rush - 4.5m 5G base stations, 300 ...

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China to construct over 4.5 million 5G base ...

With 4.19 million 5G base stations already operational across China, the MIIT emphasized that "promoting 5G revolution and 6G ...

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China home to 4.25 million 5G base stations-Xinhua

BEIJING, Jan. 21 (Xinhua) -- The number of 5G base stations in China has hit 4.25 million, with the number of gigabit

broadband users surpassing 200 million, official data showed Tuesday.

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China 5G rush - 4.5m 5G base stations, 300 5G-A cities, 75% 5G ...

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China to construct over 4.5 million 5G base stations in 2025

With 4.19 million 5G base stations already operational across China, the MIIT emphasized that "promoting 5G revolution and 6G innovation will be one of the priorities" for ...

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Ambitious 5G base station plan for 2025

China aims to build over 4.5 million 5G

base stations next year and give more policy as well as financial support to foster industries that can define the next decade, the ...

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China has more than 3.8 mln 5G base stations

China's 5G base stations account for 60 percent of the global total, Zhao added. In China, more than half of all mobile phone users are 5G users, Zhao told MWC Shanghai. ...

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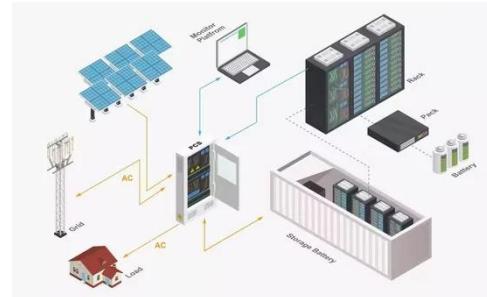
foster industries ...

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