

# Prague 5g base station discharge





## Overview

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What is a 5G strategy in the Czech Republic?

It sets out a national strategy of 5G deployment in the coming years. It is part of the Digital Czech Republic concept and the Innovation Strategy of the Czech Republic 2019-2030. For digital connectivity mapping, an infrastructure mapping website has been established by the Czech Telecommunication Office (CTU).

Which MNOs have 5G coverage in the Czech Republic?

Vodafone covers over 96.47%, O2 over 93.56% and T-Mobile 93.40% of the population in the Czech Republic (data as of 1 November 2024). The three MNOs, in cooperation with the Prague Public Transit Company (DPP) and CETIN, have also deployed 5G coverage in all stations across the Prague metro network.

Are 5G network technology suppliers secure in the Czech Republic?

In February 2022, the National Cyber and Information Security Agency issued Recommendations for Assessing the Credibility of 5G Network Technology Suppliers in the Czech Republic, which sets out strategic, business and technical security criteria that should be taken into account. The guidance is not legally binding.

How much power does a 5G base station use?

The power radiated by mobile networks base stations transmitters in bands, which are (or will be) used for 5G technologies, is rather low (power delivered to 2G-4G base stations regular antennas is usually of a maximum 20 W, and in bands over 26 GHz will be lower than 1 W).



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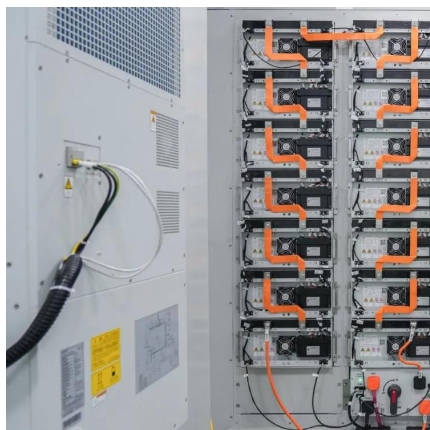
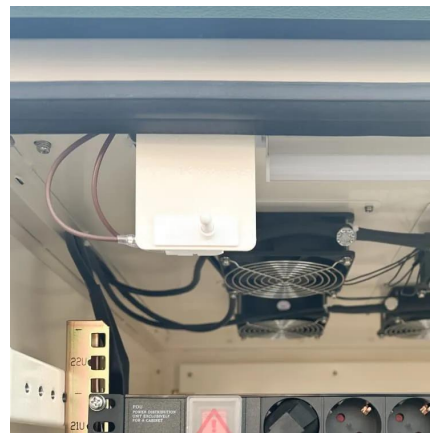


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