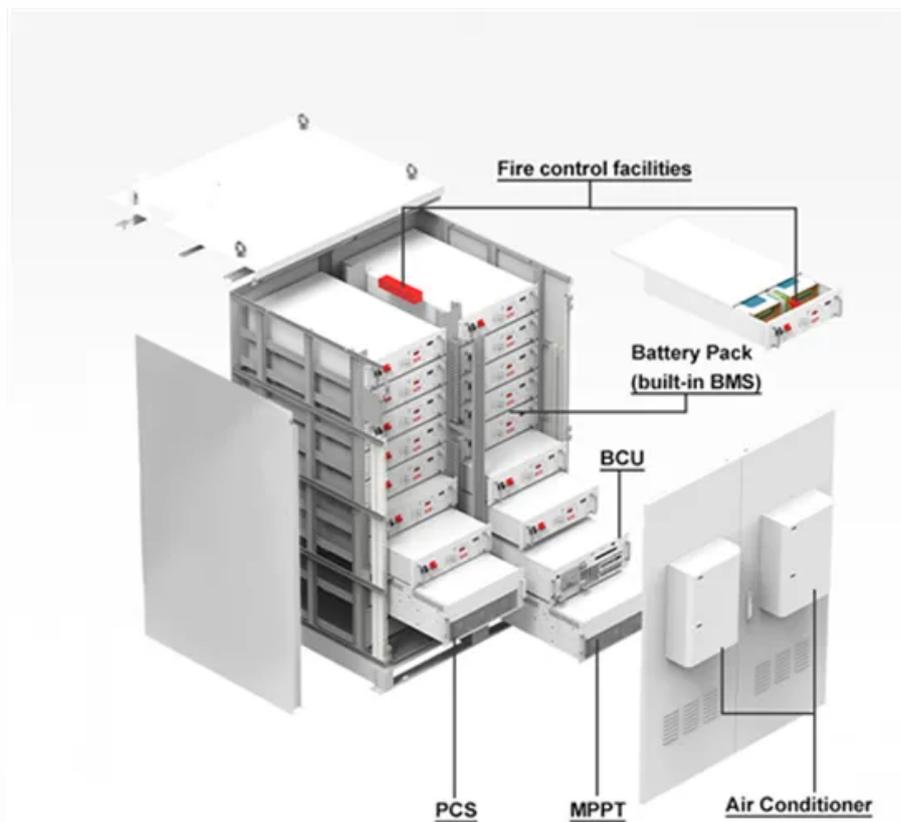


What types of communication protocols does the base station have



Overview

Base station (or base radio station, BS) is - according to the International Telecommunication Union 's (ITU) Radio Regulations (RR) [1] - a " land station in the land mobile service. " A base station is called node B in 3G, eNB in LTE (4G), and gNB in 5G. It usually connects the device to other networks or devices through a dedicated high bandwidth wire of fiber optic connection. Base stations typically have a transceiver, capable of sending and. The BSS is composed of two parts: The BTS and the BSC communicate across the specified Abis interface, enabling operations between components that are made by different suppliers. The radio components of a BSS may consist of four to seven or nine cells. It is sometimes called a cell tower. First and foremost, we need to understand the role of base stations.

What types of communication protocols does the base station have



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Equipped with an electromagnetic wave antenna, often placed on a tall mast, the base station enables communication between mobile terminals (such as mobile phones or pagers) and the ...



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Base station

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Antenna System: Base stations are equipped with antennas that transmit and receive radio waves. These antennas can be omnidirectional or directional, depending on the coverage needs. The ...



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