

Nassau Power 5G base station construction





Overview

What is a base station power supply?

This acts as the “blood supply” of the base station, ensuring uninterrupted power. It includes: AC distribution box: Distributes mains power and offers surge protection. Switch-mode power supply: Converts and stabilizes power while managing DC output. Battery banks: Serve as backup power to keep systems running during outages. 3.

What is a 5G Brain Center?

Often referred to as the brain center, this includes: Baseband Unit (BBU): Handles baseband signal processing. Remote Radio Unit (RRU): Converts signals to radio frequencies for transmission. Active Antenna Unit (AAU): Integrates RRU and antenna for 5G-era efficiency. 2. Power Supply System.

What is the main base station equipment connection diagram?

The Core Layout: Main Base Station Equipment Connection Diagram The connection diagram provides a clear overview of how the main base station equipment operates within the network. Surrounding this central "brain" are the “Four Guardians” that ensure seamless functionality:.

Why are outdoor base stations important during power outages?

It becomes a top priority during power outages to maintain data flow. Outdoor base stations integrate all essential systems into a single Integrated Cabinet, designed to endure harsh conditions like direct sunlight, rain, and extreme temperatures. These units protect the equipment while ensuring efficient functionality.



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