Base station power cabinet principle

What is a base station power cabinet?

The base station power cabinet is a key equipment ensuring continuous power supply to base station devices,with LLVD (Load Low Voltage Disconnect) and BLVD (Battery Low Voltage Disconnect) being two important protection mechanisms in the power cabinet.

How many lbbp boards can be configured in a base station?

The number of LBBP boards to be configured in a base station that supports LTE depends on the number of cells,bandwidths,antenna configurations,and the number of CPRI ports to be supported by the base station. Each BBU working in LTE mode needs to be configured with at least one LBBP and each LBBP supports sixRF modules.

Why are base stations important?

In modern communication networks,base stations,as core infrastructure,are crucial for stable operation.

How many WBBP boards can be configured in a base station?

The number of WBBP boards to be configured in a base station depends on the number of cells,number of uplink and downlink CEs,signaling processing capability,and number of CPRI ports to be supported by the base station. When the DC-HSDPA+MIMO feature is used: If the WBBPf1,WBBPf2,or WBBPf3 is used,each sector must be configured with one WBBP.

How many PSUs does a bts3900a cabinet have?

By default,a cabinet contains two PSUs(AC/DC). When the total power consumption of a single cabinet exceeds 2900 W,an additional PSU (AC/DC) is required. The cabinet of the 01 type is used in cold areas with a temperature below -20°C. Outdoor cabinet for stacked installation for a BTS3900A site supplied with 220 V AC power.

How many Boolean alarm inputs can a distributed base station support?

Configured for a distributed base station that needs to support 17 to 32 Boolean alarm inputsor a distributed base station that is supplied with +24 V DC power and needs to support 1 to 16 Boolean alarm inputs. Optional.

Web: https://edukacja-aktywna.pl