

## **SolarTech Power Solutions**

# **Huawei base station communication equipment installation**



## Overview

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What is db3900 dual-mode base station?

DBS3900 Dual-Mode Base Station is the fourth generation base station developed by Huawei. It features a multi-mode modular design and supports three working modes: GSM mode, GSM+UMTS dual mode, and UMTS mode through configuration of different software. In addition, the DBS3900 supports smooth evolution to the Long-Term Evolution (LTE).

How many UMTS carriers can a bbu3900 support?

When the DBS3900 works in UMTS mode, a BBU3900 supports 24 cells, the maximum configuration of 3 x 8, 1,536 CEs in the uplink, 1,536 CEs in the downlink. In addition, the BBU3900 supports the HSDPA and HSUPA. An RRU3806 supports a maximum of four UMTS carriers.

Does a bbu3900 work in GSM+UMTS dual mode?

When the DBS3900 works in GSM+UMTS dual mode, a BBU3900 supports the maximum cell configuration of GSM S24/24/24 or UMTS S8/8/8, Capacity of the RRU3929 can be expanded through cascading of RRU3929s, and three cascaded RRU3929s can support the cell configuration of GSM S6/6/6 + UMTS S2/2/2.

What is a bbu3900 transmission Extension Board?

It is a transmission extension board of the BBU3900 and provides eight E1s/T1s and one unchannelized STM-1/OC-3. Provide extension lub transmission ports which support eight E1s/T1s and one unchannelized STM-1/OC-3. Support ATM and IP transport. Support cold backup.

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