

## A-Core Container

# The function of the battery cooling device of the communication base station



## Overview

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The automatic cooling device of the communication base station is an important component designed to ensure that the communication equipment can maintain an appropriate temperature during operation to prevent overheating from negatively affecting the performance and life of the.

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Abstract: This paper improves a communication base station automatic cooling device, including a mobile device body driven by a peripheral mobile wheel. The device body includes a communication module responsible for data transmission and reception with other devices or networks, an intelligent.

Unattended base stations require an intelligent cooling system because of the strain they are exposed to. The sensitive telecom equipment is operating 24/7 with continuous load that generates heat. Cooling systems must protect critical telecommunication cabinets, energy storage systems and back-up.

Wireless systems play a fundamental role in everyday life. The general public does not take notice of a wireless network until it's not working properly. Telecom battery back-up systems are vital when municipalities experience brownouts and power outages. To ensure proper operation of telecom.

To ensure the availability of RBS during a shortage on the electricity grid, Ericsson AB developed BBS (Battery Base Stations) and BBU (Battery Base Units). The battery temperature is very critical to the battery life and the battery's electrical performance. Taking energy efficiency and.

<P>PROBLEM TO BE SOLVED: To provide a cooling device for a communication base station by which a communication machine being a main body device stored in a station house and an auxiliary device can be heated together with each other. <P>SOLUTION: The cooling device is adopted,

where the inner air.

When the power to a cellular antenna tower runs out, emergency batteries provide power for up to six hours. Battery life is significantly reduced by exposure to temperatures outside the optimal range. Long life operation is required in wireless base station and cell tower applications to maximize.

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