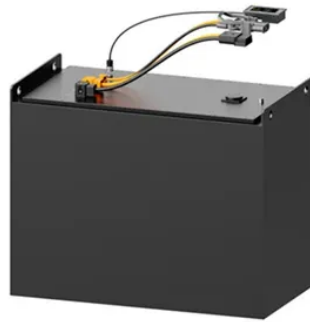


Base station communication equipment power calculation



Overview

According to the national standards of the People's Republic of China. Energy saving Measurement and Verification Technology General rules GB/T 28750-2012 is shown (Fig. 1): The relevant calculation formula is as follows: A is the average power of the device when energy saving is not. There are two parts in the energy saving calculation system and method of the main base station communication equipment. The first step is to select the. GBRT, also known as gradient Gradient Boosting Regression tree, reduces the residuals of the previous model through one more calculation, and builds a new. After verification by extracting part of service data of test stations and power consumption data (average power of equipment) of boards in the network.



Article Content

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Reference (Celebi et al., 2019) analyzes the power consumption characteristics and patterns of base station communication equipment under different load conditions, and points out that the ...

Power Base Station

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