

# Communication base station wind and solar complementary tools

technical field [0001] The invention relates to the technical field of new energy communication, in particular to a communication base station based on wind and solar complementarity.

The wind-solar-diesel hybrid power supply system of the communication base station is composed of a wind turbine, a solar cell module, an integrated controller for hybrid energy ...

The communication base station installs solar panels outdoors, and adds MPPT solar controllers and other equipment in the computer room. The power generated by solar energy is used by the DC load of the base ...

By integrating renewable sources such as solar and wind energy with Low-carbon upgrading to China's communications base stations Sep 1, & nsp;& #;& nsp;As China rapidly expands its digital infrastructure, ...

In this embodiment, the solar power generation equipment and the wind power generation equipment are used to complement each other to provide stable power for the communication ...

At present, many domestic islands, mountains and other places are far away from the power grid, but due to the communication needs of local tourism, fishery, navigation and other industries, it is necessary ...

It combines wind and solar power generation, city power and battery energy storage to provide green, stable and reliable communication base stations. Power is different from the traditional ...

Communication base station stand-by power supply system ... The invention relates to a communication base station stand-by power supply system based on an activation-type cell and a wind-solar complementary ...

How does a base station work?As shown in Figure S3 each user accesses a base station, and the BS then allocates a channel to each new user when there is remaining channel capacity.



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