



BUHLE POWER

Communication backup power storage





Overview

What is the difference between power backup and energy storage?

Management, the power backup is either redundant power consumption, and energy storage devices at network or insufficient status of the lithium battery system cannot be energy storage information and energy resources. Based on the visualized or ideal.

How to set the backup time of BS Energy Storage?

The backup time of the BS energy storage should be set according to the power supply reliability of the distribution network where BS is connected. For example, in areas with high power supply reliability, the backup time of energy storage can be reduced. Fig. 3. Schematic diagram of energy storage capacity division of BS.

Does increased energy storage capacity reduce the total system operation cost?

The increased BS energy storage capacity can reduce the total system operation cost. However, for CO, with the increased energy storage capacity, its total cost shows a gentle V-shaped trend, so CO needs to find a compromised optimal energy storage capacity.

What are the parameters of BS Energy Storage?

The channel bandwidth B allocated by the user is 1 MHz, the upper limit of the BS's traffic processing capacity L_{max} is 10.4 Mbps, and the traffic demand L_j of a single user is 100 Mbps. The detailed parameters of the BS energy storage are shown in Table 1. ω is taken as small as 0.14 Yuan/kWh to encourage energy storage participation.



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