Commercial energy storage 420 kWh

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Technological advantage:

Industrial energy storage are electrical energy storage systems used in commercial buildings, factories, businesses and other commercial applications. These energy storage systems can store excess energy generated during peak production from renewable sources such as solar or wind power. The stored energy can be used later when demand is higher or serve as a backup energy source when the power grid fails.

Industrial energy storage can take various forms, such as battery energy storage, hydrogen storage, or compressed air energy storage. Battery energy storage is currently the most widely used energy storage device in commercial applications due to its flexibility, scalability, and high energy density. They can also be used in combination with renewable energy sources to increase the share of renewables in the energy supply and reduce CO2 emissions.

Industrial energy storage is an important technology for improving the energy efficiency and sustainability of commercial buildings and businesses. They offer support to the reduction of energy costs, increase grid stability and increase the share of renewables in the energy supply.

Industrial energy storage offer several benefits, including:

These benefits can help companies reduce their energy costs, improve their energy efficiency and contribute to environmental protection.

In cooperation with Beck Automation GmbH.

Our indoor storage – configurable in 42 kWh steps.

To optimize self-consumption and load management in an energy system, an AC coupled buffer battery is an ideal solution. This battery works to cap peak loads by storing excess energy and making it available when needed.

One of the main advantages of this battery is that it does not feed into the utility grid. This means that the user can maintain energy autonomy without depending on their utility. Instead, it can produce and store its own energy to use when needed.

With this technology, users can reduce their energy costs by reducing power consumption during peak periods.

It can also optimize its own energy consumption by using the battery as a buffer to store excess energy and call it up when needed.

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