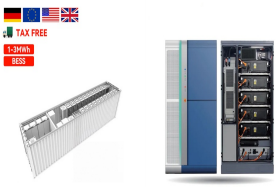
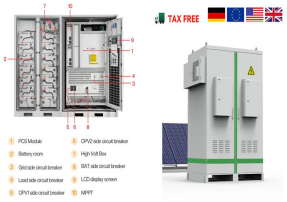
# GRID-SIDE ENERGY STORAGE CLASSIFICATION

<p>Microgrids provide a way to introduce ecologically acceptable energy production to the power grid. The main challenges with microgrids are overall control, as well as maintaining safe, ???

This is where energy storage systems (ESSs) come to the rescue, and they not only can compensate the stochastic nature and sudden deficiencies of RERs but can also enhance the grid stability, reliability, and efficiency by providing ???




These fundamental energy-based storage systems can be categorized into three primary types: mechanical, electrochemical, and thermal energy storage. Furthermore, energy storage systems can be classified based on several ???

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In November 2014, the State Council of China issued the Strategic Action Plan for energy development (2014???2020), confirming energy storage as one of the 9 key innovation ???