

# Factory-level energy storage equipment





## Overview

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What is energy storage equipment?

Energy storage equipment has been widely used in interdisciplinary areas related to IES as well as IEMS and has the potential for energy cost reduction, as explained in Energy storage equipment for energy saving. RTP is the most challenging pricing strategy, with the greatest risks and rewards.

What is energy storage?

Energy storage is a key component of IEMS and is defined as an energy technology facility for storing energy in the form of internal, potential, or kinetic energy using energy storage equipment .

How long can a storage equipment hold electricity?

In general, electrical storage equipment can only hold electricity for a very short time (short-term), the storage time of mechanical and thermal storage equipment is moderate (medium-term), and chemical and electrochemical storage equipment can hold energy for a relatively long time (long-term) .  
Table 2.

How many operations can energy storage equipment perform?

In general, energy storage equipment should be able to perform at least three operations: charging (loading energy), storing (holding energy), and discharging (unloading energy) .



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