



# 12 kWh commercial energy storage

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The integrated energy management system supports key functions such as Black Start and solar PV AC/DC coupling. Eco-friendly solar photovoltaic cell system uses cobalt-free, non-toxic LiFePO<sub>4</sub> chemistry, IP55 housing.

GSL Energy products are UL certified in the United States (electrical safety certification), CB certified in the European Union in accordance with IEC standards, and CE certified for safety certification.

GSL Energy equipment's batteries have excellent electrical performance and are laser welded for good battery consistency. Excellent charging/discharging performance, reducing battery failure rate.

**High Safety** Using high-safety lithium iron phosphate batteries, the battery pack is partitioned and safely isolated. Built-in module-level fire protection unit, system-level fire protection unit, and active safety warning system. Ensure safe and reliable operation of the system.

**Efficient thermal Management System** Internally integrated with efficient liquid cooling and liquid heating systems. After 416 cells are connected in series, the temperature difference of the cells is less than 3°C, which can effectively ensure the consistency of the single cells

Our commercial and industrial energy storage systems store energy, detect power outages, and automatically become your home's energy source when the grid goes out.

Your system detects power outages and uses backup energy to power your home and electric vehicles. And automatically uses sunlight to charge, allowing your appliances to run for days. Use when there is no sunlight to reduce your dependence on the grid.

When used with a diesel generator, the GSL Energy storage system is suitable for special situations where the grid cannot supply power, and is used as an emergency backup power source for charging.

system operating parameters, chassis temperature, ambient temperature, cooling system status, battery operating status, battery power, battery voltage and current, and timely notification of machine failure.



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