

## Industrial and commercial ESS

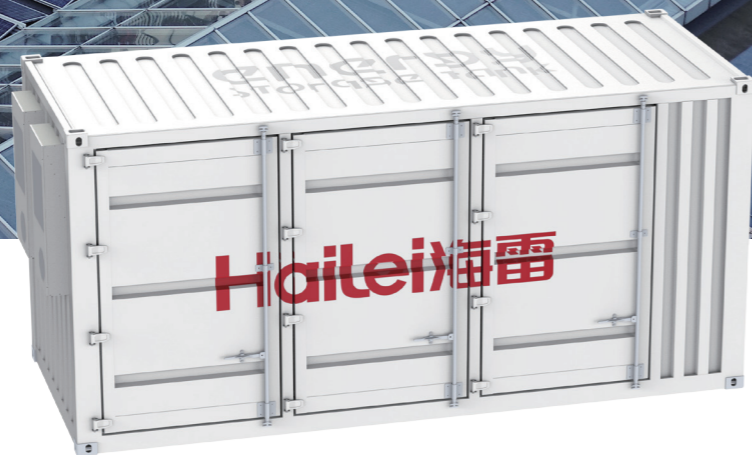
### 工商业储能系列 – 集装箱式

集装箱式储能系统有助于更有效的使用和管理能源，减少电费支出，可应用于多种场景，例如电力用户峰谷套利、电网调频调峰、提高新能源消纳、提高电网供电稳定性等。

The energy storage system helps to use and manage energy more effectively, reduce electricity bills, and can be applied to various scenarios, such as power user peak-valley arbitrage, power grid frequency regulation and peak regulation, improving new energy consumption, and improving grid power supply stability, etc.

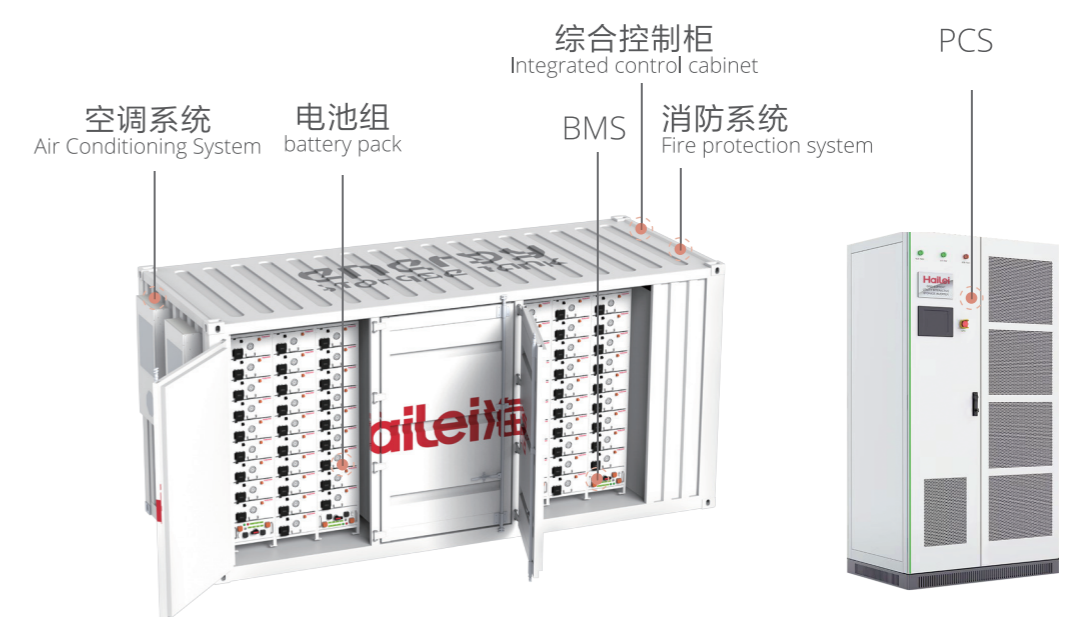


▲ 此图片仅供参考，以实物为准！




Basic Parameters/ 基础参数	Specification/ 规格
功率 power	630kW
容量 capacity	2.4MWh
额定电压 Nominal voltage	716.8V
防护等级 level of protection	IP54
工作温度 operating temperature	-20-55°C
海拔 Altitude	3000m
尺寸 Dimension(W*D*H)mm	6058x2438x2896
散热系统 cooling system	工业空调 / 强制风冷 Industrial air conditioning/forced air cooling
消防系统 fire protection system	气体消防 Gas fire protection
耐火测试 Fire test	2h
风荷数 Wind load	0.6kN/m <sup>2</sup>
抗震等级 Seismic level	10 级
漆面 lacquer	富锌底漆面 + 氟碳面漆 ≥100um

### 集装箱式解决方案 Containerized Solutions



多串电池模组串联通过高压控制箱汇流至综合控制柜内，综合控制柜输出整体直流电路与 PCS 连接，再通过 PCS 与电网并网。  
Multiple strings of battery modules are connected in series to the integrated control cabinet through the high-voltage control box. The integrated control cabinet outputs the overall DC circuit and is connected to the PCS, and then connected to the grid through the PCS.

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**故障分级处理机制**  
 Fault classification processing mechanism
- 
**自动火灾报警及自动灭火系统**  
 Automatic fire alarm and automatic fire extinguishing system
- 
**即插即用，安装运行和后期维护成本低**  
 Plug and use, low installation, operation and post-maintenance costs

- 
**先进的电池管理系统**  
 Advanced battery management system
- 
**防护等级 IP54**  
 Protection class IP54