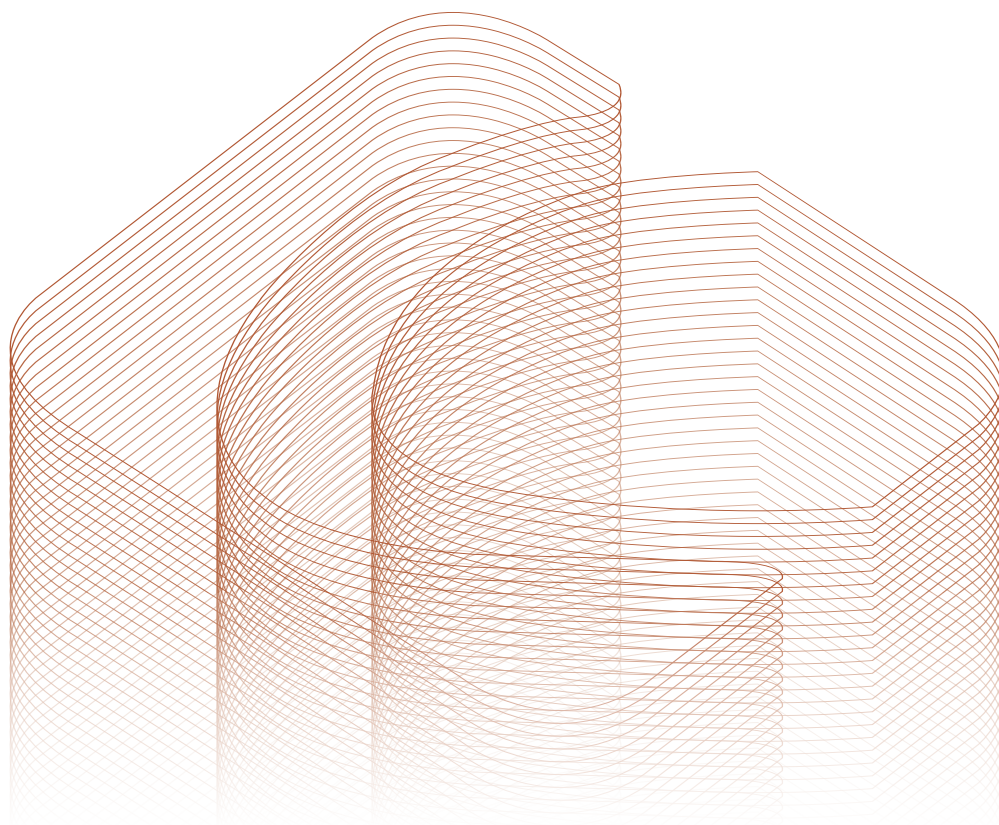




# 户储一体柜 系列

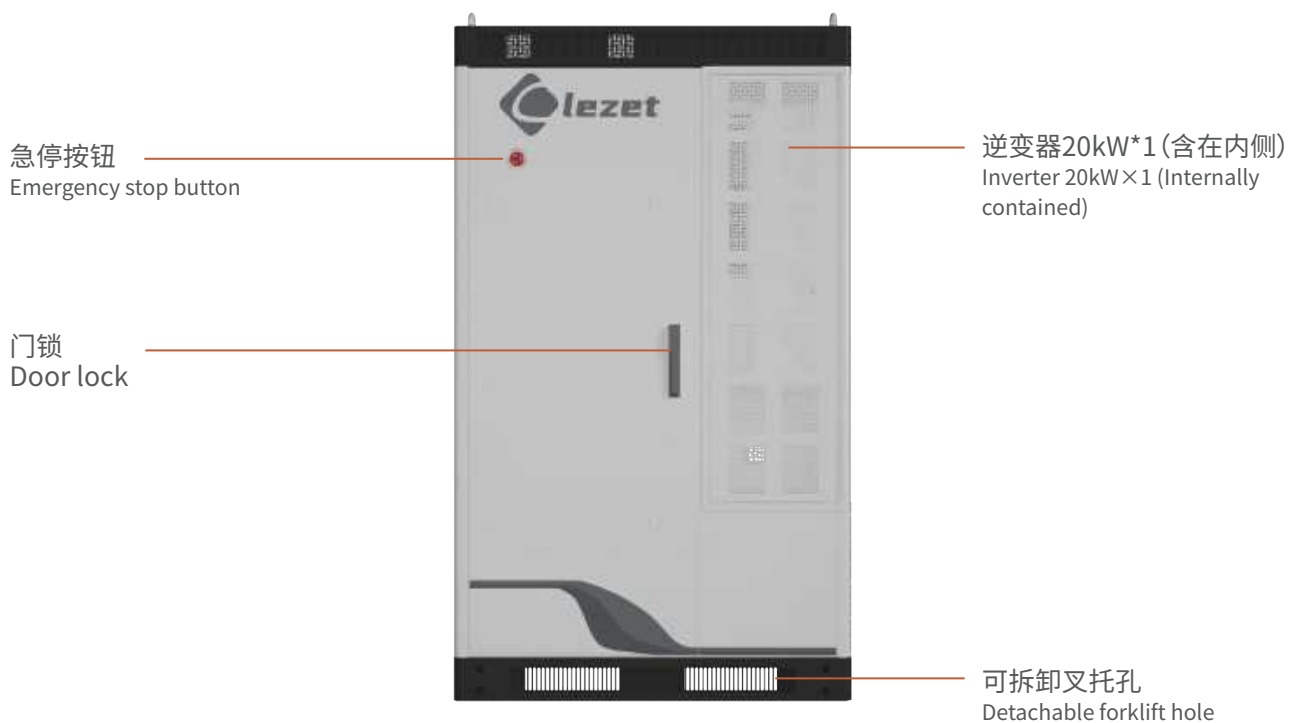
INTEGRATED HOME ENERGY  
STORAGE SYSTEM

109kWh



# 产品外观 >>>

Appearance



# 产品特点 >>>

## Product Features



### ① 系统/System

- 模块化设计, 系统集成密度高  
Modular design with high system integration density
- 储能+双向逆变器一体化设计  
Integrated design of energy storage and bidirectional inverter
- 时尚外观设计, 科技感十足  
Fashionable appearance design, full of a sense of technology

### ② 智能/Intelligence

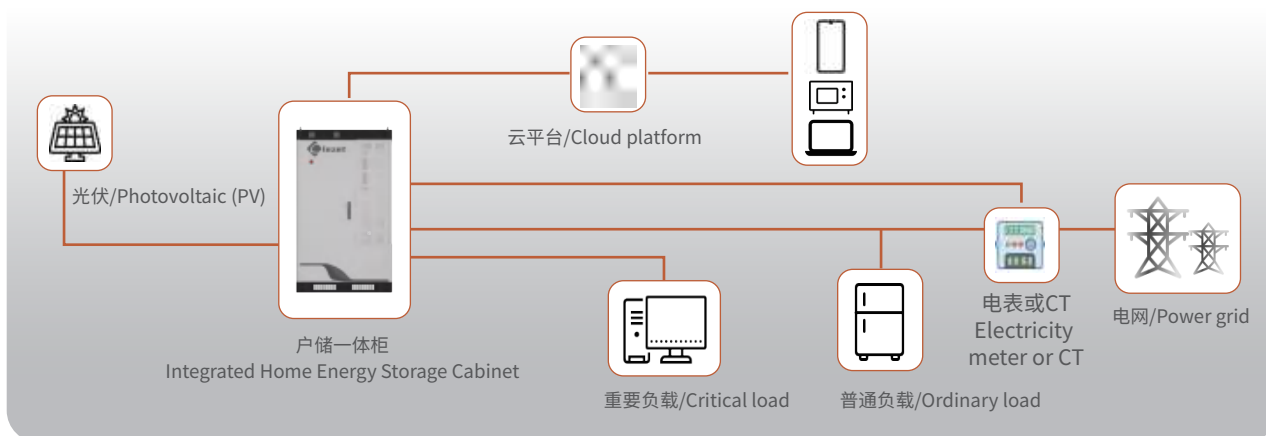
- 多点实时监控, 自适应SOC管理  
Multi-point real-time monitoring and adaptive State of Charge (SOC) management
- 汽车级电池管理, 主动充放电均衡  
Automotive-grade battery management with active charge-discharge balancing
- 并网/离网智能切换, WIFI蓝牙APP监控  
Grid-connected/off-grid intelligent switching, WIFI Bluet

### ③ 安全/Safty

- 物理电气双重隔离  
Physical and electrical dual isolation
- 高安全磷酸铁锂电芯  
High-safety lithium iron phosphate battery cells
- AFCI和RSD功能集成  
Integration of AFCI(Arc-Fault Circuit Interrupter) and RSD funciona

## ► 系统框图

System Diagram



## 规格参数 >>>

Specification

型号/Model	LCA460E109KP60K
电池类型/Battery type	方形磷酸铁锂电芯 Prismatic lithium iron phosphate battery cell
电池包配置/Battery pack configuration	119Ah*2P24S
电池包数量/The number of battery packs	6
电池柜额定容量/Rated capacity of the battery cabinet	109KWh
工作电压范围/Operating voltage range	360V-525.6V
标称电压/Nominal voltage	460.8V
<b>并网侧参数/Grid-connected-Side Parameters</b>	
交流额定功率/Rated alternating current (AC) power	60kW
电网额定电压频率 Rated voltage and frequency of the power grid	3/N/PE,380Vac

型号/Model	LCA460E109KP60K
额定电流/Rated current	100A
<b>离网侧参数/Off-grid-Side Parameters</b>	
额定功率/Rated power	60kW
额定电压/Rated voltage	3/N/PE,400Vac
额定频率/Rated frequency	50/60Hz
额定电流/Rated current	91A
<b>PV输入/PV Parameters</b>	
最大输入功率/Maximum input power	90kW
MPPT输入电压范围/MPPT input voltage range	180V~1000V
<b>常规参数/Standard Parameter</b>	
尺寸/Dimensions	1860mm*1095mm*1300mm
重量/Weight	1350kg
安装位置/Installation location	室外/室内Outdoor/Indoor
电池温控方式 Battery temperature control mode	风冷/Air cooling
防护等级/Protection level	IP55
使用寿命/Service life	≥4000 次循环0.5P@25°/25°,80%DOD ≥4000cycles, 0.5P@25°/25°,80%DOD
工作温度范围/Operating temperature range	-30 - 60°C
最高工作海拔/Maximum operating altitude	4000m
通讯/Communication	CAN/RS485/LAN
通讯协议/Communication protocol	Modbus TCP
标准/Standard	ICE62619,ICE61000

# 应用场景 >>>

Application Scenarios



酒店

Hotel



超市

Supermarket



偏远山区

Remote mountainous areas



农户养殖

Farming areas



小区

Community



渔场养殖

Aquaculture areas



别墅充电区

Villa charging areas



户外充电区

Outdoor charging areas



家庭

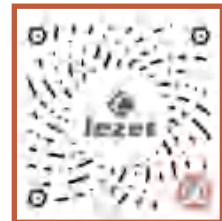
Family



公众号  
WeChat Official Account




抖音  
Tiktok



视频号  
WeChat Video Account

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