

户用家庭储能一体机 ▶▶▶

ALL-IN-ONE HOUSEHOLD ENERGY STORAGE SYSTEM

G5K/15K-XCLE-HA

CE IEC UN38.3

已通过UN38.3、CE、IEC62619等安全性能的认证。
Certified for safety performance such as UN38.3,
CE, IEC62619 etc.



寿命高 High lifespan

寒冷条件下快速将电池温度提高20°C+,
确保稳定运行和提高寿命
Quickly raises battery temperature
by 20°C+ in cold conditions, ensuring
stable operation and longevity.



减少成本 Reduce cost

减少能源浪费和成本
97.8% conversion and 95%
battery-to-AC efficiency
significantly cut energy
waste and costs.



多级保护 Multi-level protection

多级保护符合全球标准,
可防止过充电、过放电和短路
Multi-level protection meets global
standards, preventing overcharge,
over-discharge, and short circuits.



故障警报 Fault alarm

LCD+Wi-Fi支持实时跟踪和远程
故障警报, 以实现主动监督
LCD + Wi-Fi enable real-time
tracking and remote fault alerts for
proactive oversight.



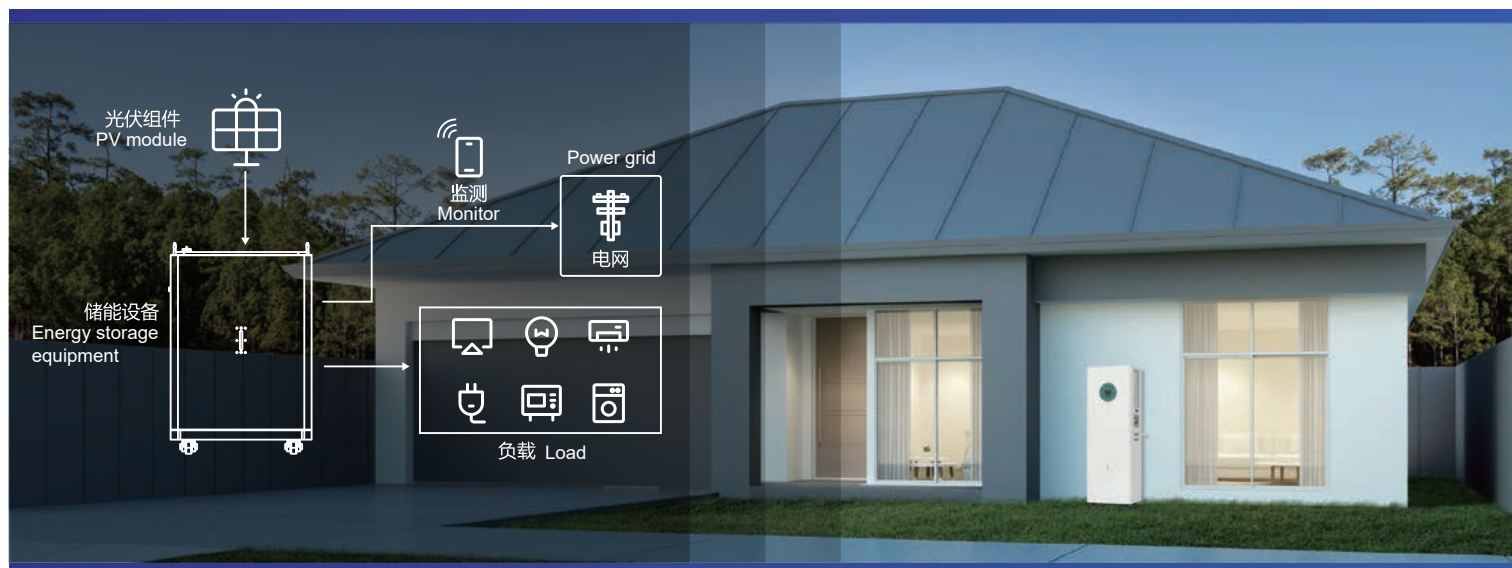
稳定运行 Stable operation

电源切换可确保波动期间
稳定运行
Power switchover in <20ms
(capacitive) and <10ms
(resistive) ensures stable
operation during fluctuations.



舒适度 Comfort level

运行在40dB以下, 提高用户舒适度
Runs below 40dB, ideal for household
and commercial use, enhancing
user comfort.



产品参数
PARAMETER

型号 Model	O5.5K/5K-XCLA	G5K/15K-XCLE-Ha
电池数据 Battery data		
电池材料 Cell materials	LiFePO4	LiFePO4
标称容量 Nominal capacity	100Ah	300Ah
额定电压 Rated voltage	51.2V	51.2V
能量 Energy	5120Wh	15.36KWh
通信方式 Communication method	CAN	CAN、RS485、RS232
充电截止电压 Charge cut-off voltage	58.4V	58.4V
放电截止电压 Discharge cut-off voltage	41.6V	44V
最大充电电流 Maximum charge current	100A	100A
最大放电电流 Maximum discharge current	100A	100A
循环寿命 Cycle life	≥3,000 Times	≥6,000 times (25±2℃, initial clamping force 300Kgf, Standard charge mode /Standard discharge mode, residual energy≥672Wh)
内部阻抗 Internal impedance	≤100mΩ	≤20mΩ
环境温度 Ambient temperature	-10℃~50℃	-20℃~55℃
交流输入 AC input		
主要拓扑结构 Main topology	L+N+PE	L+N+PE
额定电压 Rated voltage	208/220/Default 230/240VAC	230VAC
交流输出 AC output		
输出电压波形 Output voltage waveform	Pure sine wave	Pure sine wave
输出电压 Output voltage	208/220/Default 230/240VAC	230VAC
标称输出功率 Nominal output power	5.5KW	5KW
通用参数 General parameters		
IP保护等级 IP protection level	IP21	IP65
工作温度范围 Operating temperature range	-20℃~+60℃	-20℃~55℃
环境湿度 Ambient humidity	5-95%(No condensation)	5-95%(No condensation)
质量保证 Quality guarantee	5 Years for battery cells and 2 years for inverter boards	5 Years for battery cells and 2 years for inverter boards
工作高度 Operating altitude	<2000m	<2000m
冷却 Cooling	Intelligent air cooling	Intelligent air cooling
尺寸 Demension	610*937*161.2mm	680×300×1630(mm)
重量 Weight	75kg	140kg
噪音 Noise	<60dB	<50dB