

Household Energy Storage System (Stacked)

It is a high-quality inverter and intelligent device that integrates photovoltaic power generation and energy storage systems. It integrates core components such as photovoltaic modules, energy storage batteries, inverters, and control systems into a compact body, providing users with stable and clean power through efficient energy conversion and storage technology. This product can not only be used for household distributed photovoltaic power generation systems, but also widely applied in industrial, commercial, public facilities and other fields. This is an innovative work in the field of new energy in our company.



Product Core Highlights



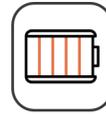
The Chinese and English display screens summarize all battery information, and the screen directly communicates with the inverter



Implement automatic dialing and parallel operation between PACK groups without the need for manual settings



One click power on/off of the system



Multi cluster parallel operation, supporting up to 32 battery packs in parallel



Bluetooth+Wifi solution, can be viewed and operated remotely, and can be accessed through a mobile app

HOUSEHOLD ENERGY STORAGE PRODUCTS



Product Model	GLV1-P10	GLV1-P15	GLV1-P20	GLV2-P20	GLV2-P30	GLV2-P40
Battery module model	48100			48200		
Rated Module Capacity (kWh)	4.8			9.6		
Rated Voltage(V)	48					
Number of Battery Module	2	3	4	2	3	4
Rated Battery Pack Capacity (kWh)	9.6	14.4	19.2	19.2	28.8	38.4
Max. Parallel Unit	8					
Voltage Range(V)	42~54.75					
Rated Charging Voltage(V)	51.75					
Rated Discharging Cut-off Voltage(V)	45					
Max. Charging Rate(A)	0.5C					
Max. Discharging Rate(A)	0.5C					
Dimension D*W*H (mm)	700*425*672	700*425*964	700*425*1056	700*479*848	700*479*1128	700*479*1408
Weight (Kg)	145	199	254	228	324	420
Communications	CAN/485/Bluetooth					
Operating Ambient Temperature (°C)	-30~65(recommend10~35)					
Storage Temperature (°C)	-20~65(recommend10~35)					
Humidity Range (%rh)	85					
Protection grade	IP20					
Ingress Protection	Natural air cooling					
Cycle Life	≥5000					
Safety Standards	CE,UN38.3,MSDS					