

LOW VOLTAGE STACK SYSTEM

GLV1 Series



Product introduction >>

This product adopts stacked design, flexible expansion, beautiful shape; System one-button start, side hidden wiring is convenient for customers to use; Screen direct selection market mainstream inverter protocol, direct communication; Comprehensive and multi-level battery protection strategies and fault isolation measures are adopted to ensure the safe operation of the system, which is widely used in small commercial and home energy storage.

- Chinese and English display summary of all PACK information; Screen direct selection inverter communication protocol;
- Summary switch, to achieve a key switch;
- Stack design allows flexible battery expansion;
- Multiple clusters are parallel. A maximum of eight battery packs can be connected in parallel.



Product parameter >>

Model	GLV1-P10	GLV1-P15	GLV1-P20	GLV2-P20	GLV2-P30	GLV2-P40
Battery Module Model	48100			48200		
Battery Module Nominal Energy(kWh)	4.8			9.6		
Rated Voltage(V)	48					
Number of Cell Modules in Single Cluster	2	3	4	2	3	4
Single Cluster Battery Energy (kWh)	9.6	14.4	19.2	19.2	28.8	38.4
Maximum number of clusters in parallel	8					
Operating voltage range(V)	42~54.75					
Recommended Charge Voltage(V)	51.75					
Recommended discharge cut-off voltage(V)	45					
Maximum charge current(A)	0.5C					
Maximum discharge current(A)	0.5C					
Unit cluster size (D*W*H)mm	425*700*672	425*700*864	425*700*1056	479*700*848	479*700*1128	479*700*1408
Unit cluster weight(kg)	145	199	254	228	324	420
Communication mode	CAN/485/bluetooth					
Proper temperature(°C)	-30 ~ 60(Recommend10 ~ 35)					
Storage temperature(°C)	-20 ~ 65(Recommend10 ~ 35)					
Humidity(%RH)	< 85					
Protection level	IP20					
Cooling method	Natural cooling					
Number of cycles	≥5000					
Standard of security	CE,UN38.3,MSDS					

Note: The above data is subject to change without prior notice.