

## Stackable LiFePO4 Energy Storage Battery

### HV-G2~G12 Pro series

Residential energy storage system, modular high-voltage battery, suitable for residential energy storage, One set provides electricity for the whole house.



Modular structure for easy installation



≥ 6000  
Long cycle life



Can be used with hybrid inverter



Intelligent battery management system



Support RS485, RS232, CAN communication protocols

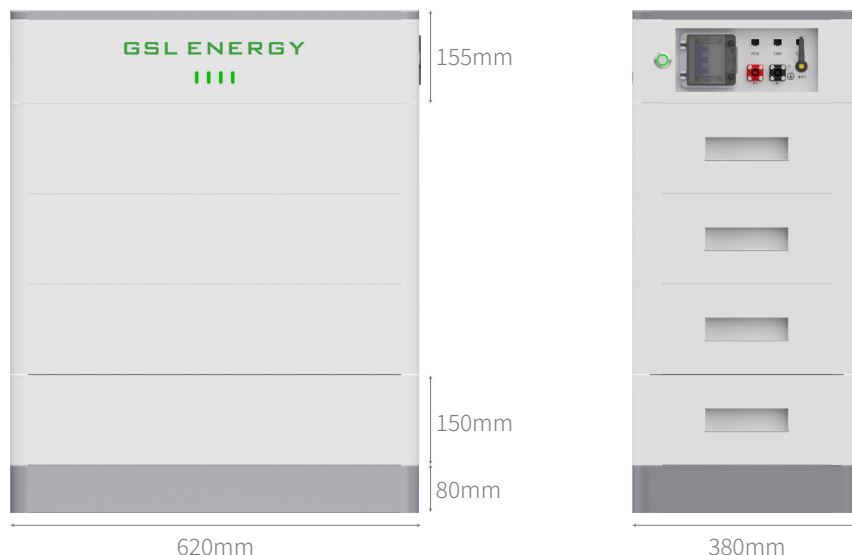


LED lights display the parameters of the equipment in real time



Supports up to 12 battery modules in series

Basic Parameters	HV-G2 Pro	HV-G3 Pro	HV-G4 Pro	HV-G5 Pro	HV-G6 Pro
Nominal Capacity (KWh)	10.24	15.36	20.48	25.6	30.72
Cell Matching	32S1P	48S1P	64S1P	80S1P	96S1P
Nominal Voltage (V)	102.4	153.6	204.8	256	307.2
Working Voltage Range (V)	89.6~115.2	134.4~172.8	179.2~230.4	224~288	268.8~345.6
Weight (kg)	116	164.5	213	261.5	310
Dimension (WxDxH mm)	680x380 x553	680x380 x703	680x380 x835	680x380 x985	680x380 x1135
Number of battery modules	2	3	4	5	6
Battery Type	LFP(LiFePO4)				
Nominal Working Current	100A				
Communication Port	CAN/TCP/IP				
Working Temperature Range	Charge: 0~55°C/Discharge: -20~60°C				
Waterproof	IP20				
Installation Method	Floor-standing				
Cycle Life	10 years				
Max. Charge/ Discharge Current	100A				
Discharge Rate of Module	≤3.5%/ month/ @25°C				
Parallel Connection	16 units in parallel				



Basic Parameters	HV-G7 Pro	HV-G8 Pro	HV-G9 Pro	HV-G10 Pro	HV-G11 Pro	HV-G12 Pro
Nominal Capacity (KWh)	35.84	40.96	46.08	51.2	56.32	61.44
Cell Matching	112S1P	128S1P	144S1P	160S1P	176S1P	192S1P
Nominal Voltage (V)	358.4	409.6	460.8	512	563.2	614.4
Working Voltage Range (V)	313.6~403.2	358.4~460.8	403.2~518.4	448~576	492.8~633.6	537.6~691.2
Weight (kg)	358.5	407	455.5	504	552.5	601
Dimension (WxDxH mm)	680x380 x1285	680x380 x1435	680x380 x1585	680x380 x1735	680x380 x1885	680x380 x2035
Number of battery modules	7	8	9	10	11	12
Battery Type	LFP(LiFePO4)					
Nominal Working Current	100A					
Communication Port	CAN/TCP/IP					
Working Temperature Range	Charge: 0~55°C/Discharge: -20~60°C					
Waterproof	IP20					
Installation Method	Floor-standing					
Cycle Life	10 years					
Max. Charge/ Discharge Current	100A					
Discharge Rate of Module	≤3.5%/ month/ @25°C					
Parallel Connection	16 units in parallel					

Modular free stacking, easy to use,  
a variety of choices

