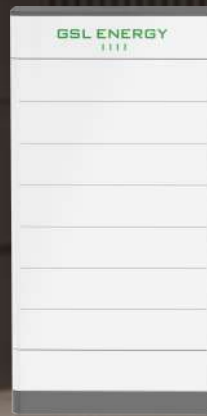


HV L3-L8 Series

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



As the leading vertically integrated manufacturer of lithium iron phosphate battery systems, GSL ENERGY has provided various battery solutions for nearly all kinds of ESS applications. Thanks to our self-developed core technology in cells/BMS/system design, GSL ENERGY has delivered more than 138+ countries serving 100,000+ users.



Support a variety of communication protocols, support RS485, RS232, CAN etc



Modular structure for easy installation



Long cycle life



Intelligent battery management system



LED lights display the parameters of the equipment in real time



Supports up to 8 battery modules in series



Can be used with hybrid inverter

Basic Parameters	L3	L4	L5	L6	L7	L8
Nominal Capacity (KWh)	11.06	14.75	18.43	22.12	25.80	29.49
Cell Matching	48S1P	64S1P	80S1P	96S1P	112S1P	128S1P
Nominal Voltage (V)	153.6	204.8	256	307.2	358.4	409.6
Working Voltage Range (V)	136.8-172.81	182.4-230.4	228-288	273.6-345.6	319.2-403.2	364.8-460.8
Weight (kg)	125	155	185	215	245	275
Dimension (WxDxH mm)	680x380 x715	680x380 x895	680x380 x1075	680x380 x1245	680x380 x1425	680x380 x1605
Battery Type	LFP(LiFePO4)					
Nominal Working Current	72A					
Communication Port	CAN/RS485					
Working Temperature Range	Charge:0-45°C/Discharge:-10-50°C					
Waterproof	IP55					
Installation Method	Floor-standing					
Cycle Life	10 years					
Peak Charge/Discharge Current (@25°C,5S)	65A					
Discharge Rate of Module	≤3.5%/month/@25°C					
Module Series Connection/Module	3S~8S					
Parallel Connection	16 units in parallel					

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

