



GHV1 SERIES HIGH VOLTAGE LITHIUM BATTERY STACK SYSTEM



Product introduction:

The product is mainly composed of high-quality lithium iron phosphate battery and smart energy storage inverter. When the sunlight is sufficient during the day, the excess power generation of the rooftop photovoltaic system is stored in the energy storage system, and the energy of the energy storage system is released at night to supply power for household loads, so as to achieve self-sufficiency in household energy management and greatly improve the economical performance of the new energy system. At the same time, in the event of sudden power outage/power failure of the power grid, the energy storage system can take over the electricity demand of the whole house in time. The capacity of a single battery is 5.32kWh, and the total capacity of the largest battery stack is 26.6kWh, providing a stable power supply for the family

Battery pack performance indicators

Performance	Item	Parameter	Remarks
Battery pack	Standard capacity (Ah)	52	25±2°C 0.5C, New battery state
	Rated working volt (V)	102.4	
	Power (kWh)	86.4 ~ 116.8	Temperature T>0°C, Theoretical value
	Packing size (D*W*H) mm	420*625*175	
	Weight (KG)	45	
	Self-discharging	≤3%/month	25, 50% SOC
	Battery pack internal resistance (mΩ)	19.2-38.4	New battery state 25°C±2°C
	Staticvolt difference (mV)	30	25°C, 30% ≤ SOC ≤ 80%

GLV1 SERIES LOW-VOLTAGE LITHIUM BATTERY STACK SYSTEM



Product introduction:

This product is mainly composed of high-quality lithium iron phosphate battery module and intelligent PDU. When there is sufficient sunlight during the day, the excess power generated by the rooftop photovoltaic system will be stored in the energy storage system, and the energy from the battery is released at night to supply power for household loads, so as to achieve self-sufficiency in household energy management, the economy of the new energy system is greatly improved. At the same time, in case of sudden power outage/power failure of the power grid the energy storage system can take over the electricity demand of the whole house in time. With a single battery capacity of 5kWh/10kWh and a maximum stacked capacity of 20kWh/40kWh , the system can be used seamlessly with mains equipment such as photovoltaic power generation, as well as with a UPS to provide a table power supply for home.