

1200W Portable Energy Storage (Power Station)

S1200 Specifications

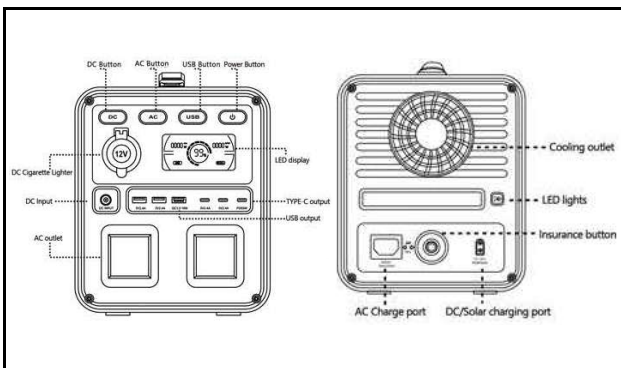


Product introduction

The GX HS series is a high-quality portable power station with built-in A-grade LiFePO4 cells. The unit is compatible with a variety of power supplies including utility power (AC), Solar energy (PV panel/s), and Car Charging (12V). The reliable BMS (Battery Management System) protects batteries through advanced digital algorithms characterised by high life cycles, reliability, long-life, fast recharge times, and performance characteristics.

Performance characteristics

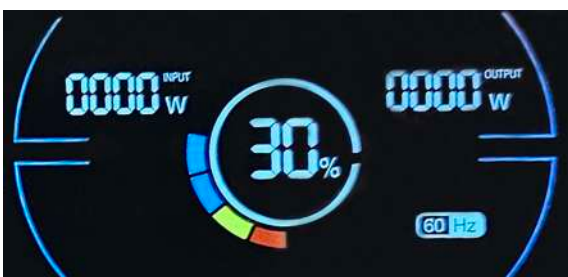
- The A-grade LiFePO4 cells have a long cycle life and high reliability (5000 cycles @ 70% DOD).
- Using patented unique thermal management design principles, the product has improved environmental compatibility and reduced negative impact.
- Built-in high-frequency technology, small size, large output power, and pure sine wave output.
- Compatible with a variety of power supplies including utility power (AC), Solar energy (PV panel/s) with maximum of 500W, and Car Charging (12V).
- High-definition large colour display with accurate display of power utilisation and available battery storage.
- All outputs are independently controlled and protected.
- Durable Case with fire prevention technology through the BMS management delivers excellent product safety.



L: 350mm | H: 250mm | W: 190mm | N.W: 13.1kg | G.W: 15.1kg

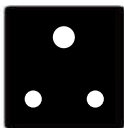
NO.	Name	Description
1	POWER	Long press button 3S for ON(LED display on)/OFF machine
2	Display screen	On-screen display
3	USB Button	Short press 1S to turn on/off the USB output
4	AC Button	Long press 3S for ON/OFF AC output
5\15	AC outlet	AC Pure sine wave output (5.5A)
6	DC Port	200W DC Charging input port
7\13	USB-C	PD65W x1/5V 24A x2
8	USB--A	5V 2.4A x 1/QC18W x1t
9\11	DC buttons	DC 12V output
10	Car charger	12V output
12	DC button	Press buttons 1-2S for ON/OFF switch
14	LED button	Press button 1-2S for ON/OFF switch, 1 click for model switch
16	LED Display	low light, high light, SOS, strobe mode
17	Fan port	Cooling

On-screen display instructions



NO.	Name	Description
1	Discharge Time & Charge Power	Combined display, priority charging power
2	SOC Display	Remaining SOC, flash when charging
3	Low battery indicator	Flashes when battery is low
4	SOC Percentage	Accurate remaining power percentage
5	Temperature Indicator	Alarm sign flash when temperature is too high
6	Function Indicator	The function indicator lights up when activated
7	Input power	Display charging power
8	Output Power	Display output power
9\10	Frequency Display	Display real time frequency

AC Outlet



Universal Plug

SA Plug
(Including 1x SA Plug Adapter)

Packaging and accessories list



Energy Station

Adapter

Charing cable

Operation Manual

Specifications

Model		HS12W	
AC Output	Output Rated Voltage	220~240V AC	
	Output Wave	Pure sine wave	
	Output Rated Power	1200W (Max 1300w)	
	Overpower Protection	1300W	
	Output Rated Frequency	50Hz/60Hz ± 3Hz	
	Inverter Efficiency	93%	
	Output Short circuit protection	Available, Short circuit removal, Automatic release	
	Over-Temperature Protection	Protection starts when temperature is over 65°C.	
	Operate	Press AC button 1-2S for ON/OFF switch, The screen displays "AC" icon	
Battery Features	Cell Type	LiFePO4	
	Total capacity	336000mAh	
	Energy capacity	1075Wh	
	Battery Pack Method	LFP	
Charge Performance	Adapter charging	Voltage Range	Solar Energy(18~30VDC), Adapter(19~24VDC), Vehicle charger(12~15VDC)
		Max. Charging Power	500W (AC)
	Solar charging	Voltage Range	Solar Energy(18~30VDC), Adapter(19~24VDC), Vehicle charger(12~15VDC)
		Max. Charging Power	500W
		Solar charging	Built-in MPPT algorithm, High Efficiency Solar Charging
	Charging Time	AC charging time	1.5-3 Hours
Discharge Performance (DC)	5 USB outputs	TYPE-C 65W x1, TYPE-C 12W x1, USB-A QC 3.0 12W x1	
	12V DC Output	Cigarette Lighter Output	13V 8A
LED lighting		Four modes	Low light, High light, SOS, Strobe mode
BMS features	Rated current		50A
	Protection function		1. Overcharge protection; 2. Over discharge protection;3. Temperature protection; 4. Overcurrent protection;5. Short circuit protection;6. SOC calculation
Insulation and Pressure Resistance	Connect Port - Case Insulation Impedance		≥2MΩ 500Vdc
	AC Interface - Case Pressure Resistance		2KVAC/50HZ 1min
	Other Connect Port - Case Pressure Resistance		500VAC/50HZ 1min
Running noise		< 30dB	
Weight and Dimension	Mainframe weight		13.11kg
	Mainframe size		355x190x250mm
	Package weight		15.1Kg
	Package size		450x310x420mm
Certification		CE/FCC/ROSH/PSE/UN3.3/MSDS/CDG	