

600W Portable Energy Storage (Power Station)

S600 Specifications

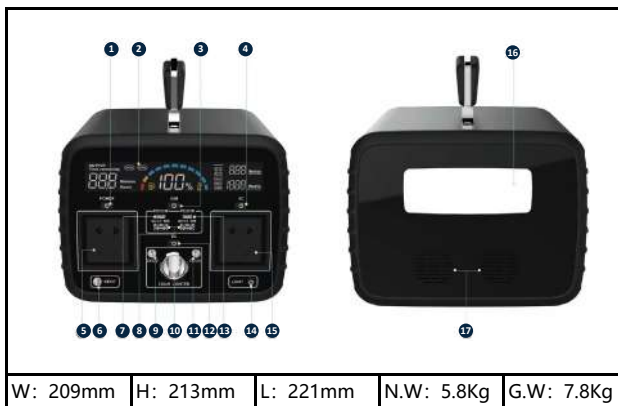


Product introduction

The GX series is a high-quality portable power station with built-in A-grade Lithium Ion 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 Lithium-Ion 18650 cells have a long cycle life and high reliability (1000 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.
- Aviation-grade Aluminium Alloy Case with fire prevention technology through the BMS management delivers excellent product safety.



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
6	DC Port	200W DC Charging input port
7\13	USB-C	PD100/PD20W
8	USB--A	QC3.0
9\11	DC buttons	DC 12V output
10	Car charger	13V 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

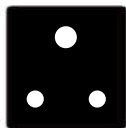
W: 209mm | H: 213mm | L: 221mm | N.W: 5.8Kg | G.W: 7.8Kg

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

Car charger

Operation Manual

Specifications

Model		S600	
AC Output	Output Rated Voltage	220~240V AC	
	Output Wave	Pure sine wave	
	Output Rated Power	500W (Max 600w)	
	Overpower Protection	550W	
	Output Rated Frequency	50Hz/60Hz ±3Hz	
	Inverse Efficiency) 92%	
	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	18650	
	Total capacity	135200mAh	
	Energy capacity	500.24Wh	
	Battery Pack Method	4S13P	
Charge Performance	Adapter charging	Voltage Range	Solar Energy (18~24VDC) , Adapter (19~24VDC),Vehicle charger (12~15VDC)
		Max. Charging Power	120W
	Solar charging	Voltage Range	Solar Energy (18~24VDC) , Adapter (19~24VDC),Vehicle charger (12~15VDC)
		Max. Charging Power	120W
	Charging Time	AC charging time	4 - 5 Hours
Discharge Performance (DC)	4 USB outputs	TYPE-C 100W x1, TYPE-C 20W xq,USB-A QC 3.0 18W x2	
	12V DC Output	DC5521	12V 7A
		Cigarette Lighter Output	12V 10A
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		5.8kg
	Frame Size		209x171x221mm
	Package weight		7.8kg
	Package size		315x285x320mm
Certification		CE/FCC/ROSH/PSE/UN3.3/MSDS/CDG	