



3kW+2.5kWh All-In-One

Integrated inverter integrated design, easy to use, no installation required, multiple charging methods, can be connected to photovoltaic and mains power, mobile, wall-mountable, flexible indoor and outdoor scene switching, more convenient to serve daily electricity consumption.



3kW+2.5kWh All-In-One Energy Storage System



Parameter

Energy Storage System All-in-one Battery (Home)

Model	XPF 3kW+2.5kWh All-in-one	
AC Output	Rated output power	3000W
	Output waveform	pure sine wave
	frequency	50Hz±3 or 60Hz±3
	Output voltage	220V-240VAC±5%
	Output socket	Multifunctional (Japanese, American, European, Australian style optional)
	Soft startup	yes
	Waveform distortion	THD<3%
	Protective function	Battery under-voltage, over-voltage protection, output overload protection, over-temperature protection, short circuit protection, anti-reverse connection protection
Parallel interface	Anderson	Number of parallel connections: 2
Communication		WIFI
AC input	Mains power input	230V AC voltage (50Hz/60Hz)
Switch		AC Inverter Switch, DC Li-ion Battery Switch
Display	Display content	LED smart display
Lithium batteries	Battery Type	100Ah LiFePO4 battery
	Rated Capacity	25.6V/100Ah
	Battery voltage range	21.6V-28.8V
	Minimum charging current	5A
	Maximum continuous charging current	100A
	Maximum continuous discharge current	100A
	Maximum pulse discharge current	100A(1s)
	Normal temperature cycle life	6000 cycles at 25°C at room temperature
Smart cooling method		Smart fan cooling
working temperature		-20~60°C
Storage temperature		-20-55°C
Humidity		Maximum 90%, non-condensing
Useful years		8-10 years
Product dimensions		410*840*195mm
Weight		50kg
Certification Standard		
Safe Certifications	CE,FCC, CCC	
Shipping Classification	UN 38.3, UN 3480, Class 9	

Introduction

This power lifepo4 lithium battery is a new energy storage product developed and produced by The Company, which can provide reliable power supply for all kinds of equipment or systems.

Feature

- ✓ The module is non-toxic, non-polluting and environmentally friendly.
- ✓ Cathode material is made from LiFePO₄ with safety performance and long cycle life.
- ✓ Battery management system (BMS) has protection functions including over- discharge, over-charge, over-current and high/low temperature.
- ✓ The system can automatically manage charge and discharge state and balance voltage of each cell.
- ✓ Adopted self-cooling mode rapidly reduced system entire noise.
- ✓ The module has less self-discharge, up to 6 months without charging it on shelf, no memory effect, excellent performance of shallow charge and discharge
- ✓ Multi-functional LED intelligent digital screen display.
- ✓ Built-in 3KW inverter make you no need to worry about the communication protocol between the battery and the inverter.

Application



Communication base station energy storage



Home energy storage



Backup power



Solar panels



Industrial energy storage



Mountain communication base station



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