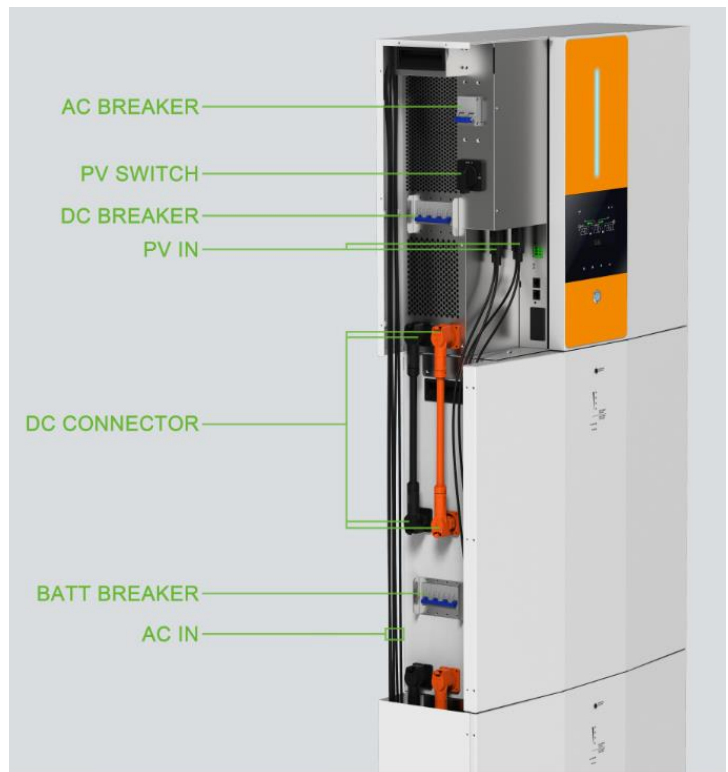
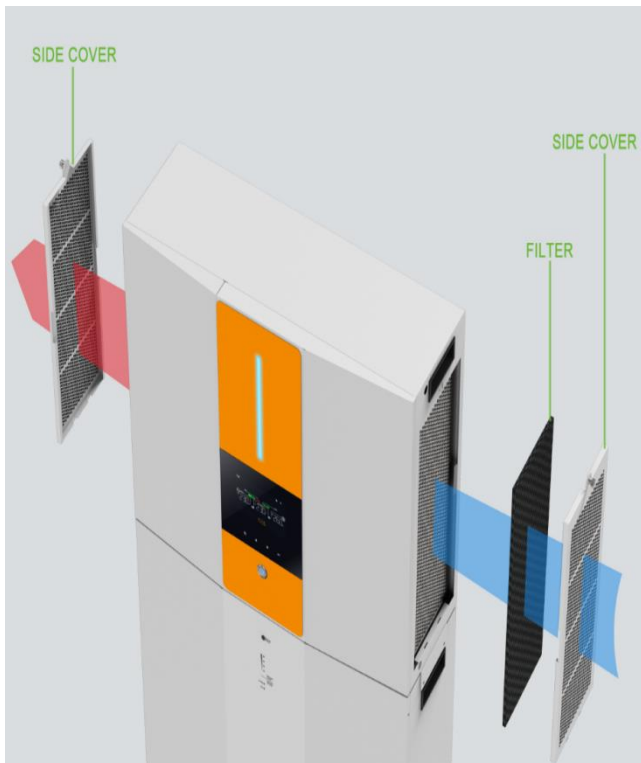


# Home Energy Storage System

## 户用一体化电源

- Module design, 7.9KWH per module
- Up to 5.5KW output from inverter
- Smaller size, better for home use
- Support expanding max 6 modules by paralleling.



The Home ESS electrical interface provides a simple connection to any home or buildings. Its revolutionary compact design achieves market-leading energy density and is easy to install. Enabling owners to quickly realize the benefits of reliable, clean power.

## PERFORMANVCE SPECIFICATIONS

DC input		Battery Box	
Max.PV input power	6500W	Number of battery modules	2
Max.PV input voltage	370V	Storage capacity	15.8KWH
Startup voltage	150V	Nominal voltage	51.2V
MPPT voltage range	100-500V	Battery voltage range	42-57V
No. of MPPT	2	Max discharge current	150A
Max. number of PV strings per MPPT	2	Battery type	LFP
AC input and output		Battery brand	/
Nominal AC input power	5000W	Cooling	/
Nominal AC output power	5000W	Protect	Smart BMS inside
Max. AC output Apparent power	6000VA		
Max. AC output current	/	Battery Module	
Nominal output voltage	220VAC	Module capacity	7.9KWh
AC voltage range	Max 240VAC	Module dimensions (WxHxD)	T214*W550*H621mm
Nominal output frequency	50/60Hz	Module weight	/
Output power factor	0.8leading - 0.8lagging	General Specification	
Output THD(@Nominal output)	<3%	Environmental protection rate	IP21
Battery input and output		Ambient temperature rate	-25~45°C
Nominal battery voltage	51.2V	Communication	4G/WIFI
Battery voltage range	42-57V	Remote access	APP/Website
Max.charging current	80A	Warrant of inverter	2 years
Max.discharging current	150A	Warrant of battery	5 years
Dimension(WxHxD)			

