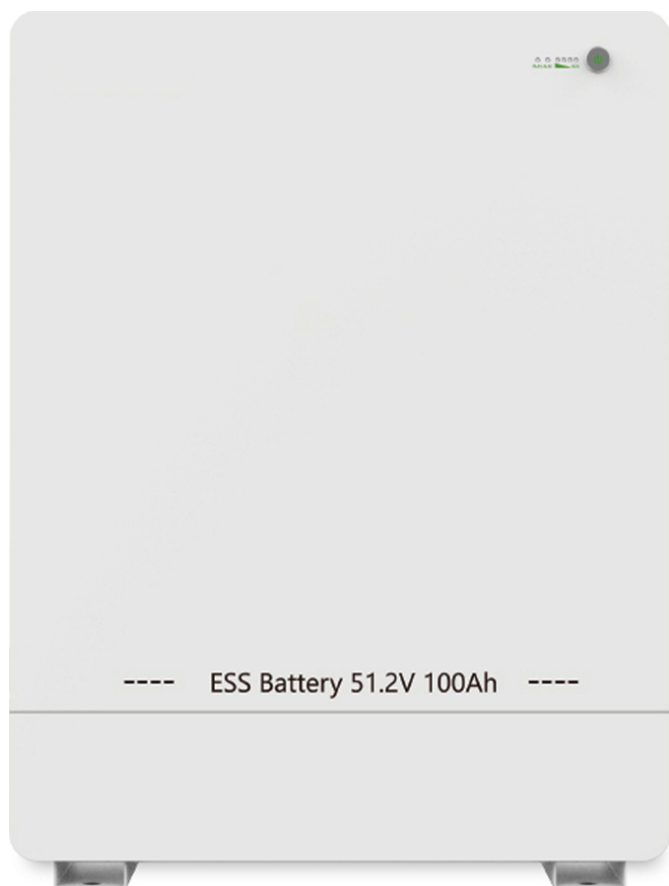


Rechargeable Lithium-ion Battery Pack

51.2V/105Ah, 5376wh



Long life, Safety

The cycle life is more than 2000 times, which is 2-7 times that of lead-acid batteries.



Endurance without worry

It can run stably in the environment of $-40^{\circ}\text{C} \sim 65^{\circ}\text{C}$;
The capacity retention rate at -20°C is nearly 90%.



No Pollution

High energy density, small size, light weight,
no pollution.



Superior performance

Support 2C fast charge and fast discharge, the
charging speed is increased by 15%, and the power
performance is better.

Battery Module Specification

Item	Specification	Conditions
Nominal voltage/capacity	51.2V/100Ah	/
BMS Model	P16S100A-XH41063-10A-I0B	/
Recommend Charge Current	50A	
Maximum continuous charging current	100A	25°C
Maximum charging voltage	58.4V	Single section overcharge3.65V
Maximum continuous discharge current	100A	
Discharge protection current	110A	25°C
Dimension	458*585*135mm	
Battery pack weight	48kg	
Use ambient temperature	charge	0~55°C
	discharge	-20~60°C
Storage temperature	-10~35°C	Replenishment of electricity every 2 months 60~80%SOC
Battery pack warranty period	>4000	80% capacity remaining, 250.5°C charge 1°C discharge
Battery capacity	485 communication	
Housing material	Sheet metal	

