

# 14-16kWh Vertical LifePO4 Battery Pack

## RESIDENTIAL ENERGY STORAGE SOLUTION



### Grade A Cell

8000 cycles Grade A+ lifepo4 cell  
High energy density  
Stable performance



### Flexible and Scalable

Max. 15 Modules in Parallel  
Up to 240kWh  
Suit specific energy consumption



### High Efficiency

Competitive round-trip efficiency  
all-around system



### Compatibility With the Leading Inverters

Compatible Inverters: PYLON ,DEYE,  
GROWATT, GOODWE, VICTRON,  
MUST, SRNE, SMA,etc



## Product Technical Specifications(产品技术参数)

Item 项目	Specifications 规格		
Model 型号	XH-V14	XH-V15	XH-V16
Nominal Voltage 标称电压	51.2V	51.2V	51.2V
Operating Voltage 工作电压	43.2V-57.6V	43.2V-57.6V	43.2V-57.6V
Nominal Capacity 标称容量	280AH	300AH	314AH
Total Energy 总能量	14336Wh	15360Wh	16076.8Wh
Configuration 配置	16S1P	16S1P	16S1P
Operation Temperature 工作温度	0°C~45°C(Charge) 0°C~45°C(充电)	0°C~45°C(Charge) 0°C~45°C(充电)	0°C~45°C(Charge) 0°C~45°C(充电)
	-10°C~60°C(Discharge) -10°C~60°C(放电)	-10°C~60°C(Discharge) -10°C~60°C(放电)	-10°C~60°C(Discharge) -10°C~60°C(放电)
Standard Charge Current 标准充电电流	60A	70A	70A
Standard Discharge Current 标准放电电流	140A	150A	150A
Maximum Continuous Charge Current 最大持续充电电流	140A	150A	150A
Maximum Continuous Discharge Current 最大持续放电电流	200A	200A	200A
Communication Protocols 通信协议	RS485/RS232/CAN	RS485/RS232/CAN	RS485/RS232/CAN
Dimensions(L*W*H) 尺寸(长*宽*高)	450mm*253mm*938mm	450mm*253mm*938mm	450mm*253mm*938mm
Maximum Net Weight 最大净重	117kg	118kg	119kg
Warranty 保修期	5 Years		

\* When the temperature is below 0°C or above 45°C, the performance will be limited.

## Communication Compatibility List(通信兼容列表)

No.	Brand Name	LOGO	Communication
1	DEYE		CAN/RS485
2	PYLON TECH		CAN/RS485
3	LUXPOWER		CAN/RS485
4	SE		CAN/RS485
5	GOODWE		CAN
6	VICTRON		CAN
7	SMA		CAN
8	SOROODO		CAN
9	STUDER		CAN
10	MUST		CAN
11	SOLIS		CAN
12	SENERGY		CAN
13	GROWATT		RS485
14	VOLTRON		RS485
15	SRNE		RS485

\* Compatible tests with different brands of inverter are continuously, updates will be irregularly.



# Green Energy

# Change Lives

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