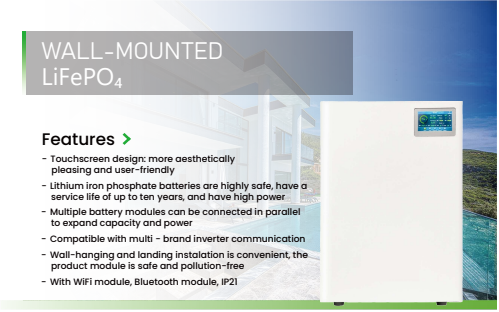
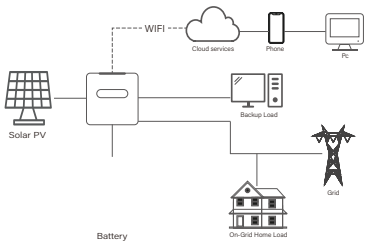


WALL-MOUNTED $LiFePO_4$

Features

- Touchscreen design: more aesthetically pleasing and user-friendly
- Lithium iron phosphate batteries are highly safe, have a service life of up to ten years, and have high power
- Multiple battery modules can be connected in parallel to expand capacity and power
- Compatible with multi - brand inverter communication
- Wall-hanging and landing instalation is convenient, the product module is safe and pollution-free
- With WiFi module, Bluetooth module, IP21

Connection Overview



TECHNICAL PARAMETER

Model	A48V100WA	
Main Parameter		
Battery Chemistry	$LiFePO_4$	
Capacity (Ah)	100Ah	
Scalability	Max.16pcs in Parallel	
Nominal Voltage (V)	51.2V	
Operating Voltage (V)	43.2~57.6V	
Energy (KWh)	5.12KWh	
Charge / Discharge Current (A)	Recommend	50A
	Max.	100A
	Peak	120A（30S，25°C）
Dimension (mm)	410*165*555mm	
Weight Approximate (kg)	≈45kg	
Master LCD Indicator	6LED (SOC:20%~SOC100%) ,3LED (working,alarming,mos) ,LCD	
IP Rating of Enclosure	IP21	
Operating Temperature	Charge:0~+55°C/Discharge:-20°C~+55°C	
Storage Temperature	0°C~+35°C	
Humidity	5%~95%	
Altitude	≤3000m	
Cycle Life	≥8000 (25°C+2°C,70%EOL) (DOD90%)	
Installation	Wall-Mounted / Floor standing	
Communication Port	CAN,RS485,RS232	
Certification	UN38.3,CE,MSDS	