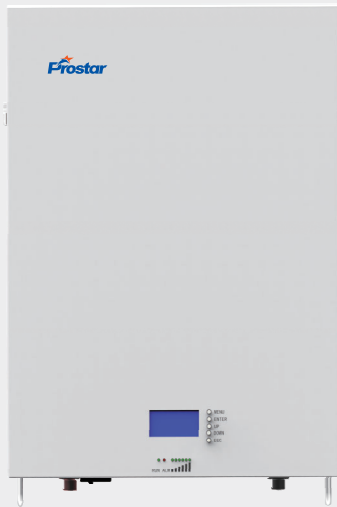




PLW PRO SERIES WALL MOUNTED LITHIUM BATTERY PACK

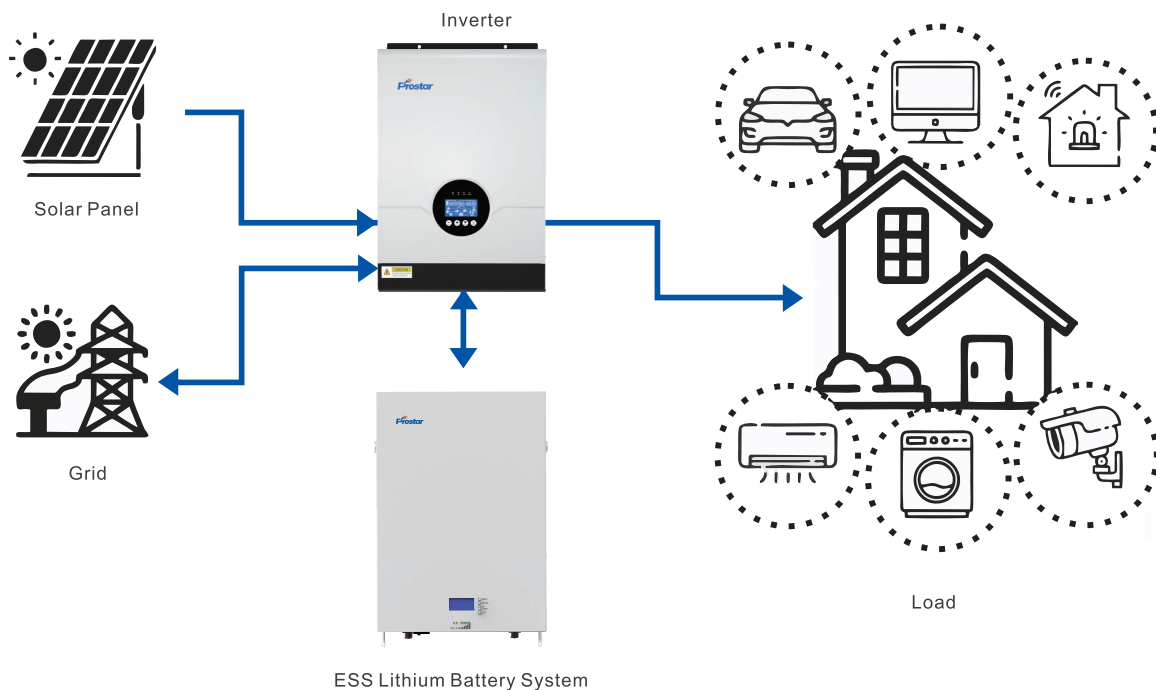
48V100Ah/48V200Ah/51.2V100Ah/51.2V200Ah



Performance Characteristics

1. LiFePO4 is used as positive material, long cycle life and good safety performance.
2. Cycle life is no less than 6000 cycles @80% DOD, 0.5C.
3. Wall mount compact design, 5/10kWH available.
4. Easy plug and play input/output terminal for easy installation.
5. System capacity available for up-to 102KWH.
6. Battery cell is Certificated with IEC/ UL.

Application Diagram





Technical Specifications

MODEL	PLW-Pro48100	PLW-Pro48200	PLW-Pro51100	PLW-Pro51200
Electrical Characteristics				
Rate voltage(Vdc)	48	48	51.2	51.2
Energy storage (KWH)	4.8	9.6	51.2	10.24
Cycle life	6000 cycles @80% DOD, 0.5C			
Monthly self discharge	less than 2%			
Charge/ Discharge standard				
Charge Voltage	54V		57.6V	
Max. Charge current(A)	100 (Optional 150/200A for 200AH pack)			
Max. Discharge current(A)	100 (Optional 150/200A for 200AH pack)			
Discharge cut-off voltage (VDC)	40.5		43.2	
Charge cut-off voltage (VDC)	54.75		58.4	
Environment				
Charge temperature	0°C to 55°C @60±25% Relative Humidity			
Discharge temperature	-25°C to 55°C @60±25% Relative Humidity			
Storage temperature	-20°C to 55°C @60± 25% Relative Humidity			
Mechanical				
IP class	IP21			
Case Type	Wall Mount			
Pack Dimensions L*W*H(mm)	580*390*185	680*485*226	580*390*185	680*485*226
Package Dimension L*W*H(mm)	660*450*240	850*570*285	660*450*240	850*570*285
Net Weight(kg))	42	85	44	88
Gross Weight(kg)	47	95	49	98
Communication				
Protocol (Optional)	CANBus/RS485/RS232			
Monitoring	Bluetooth/ WLAN Optional			
Certificates				
Pack	UN38.3, MSDS			
Cell	UN38.3, MSDS, IEC62619, CE, UL1973, UL2054			