



PLS LV SERIES WALL STAND LITHIUM BATTERY SYSTEM WITH 6000 CYCLES

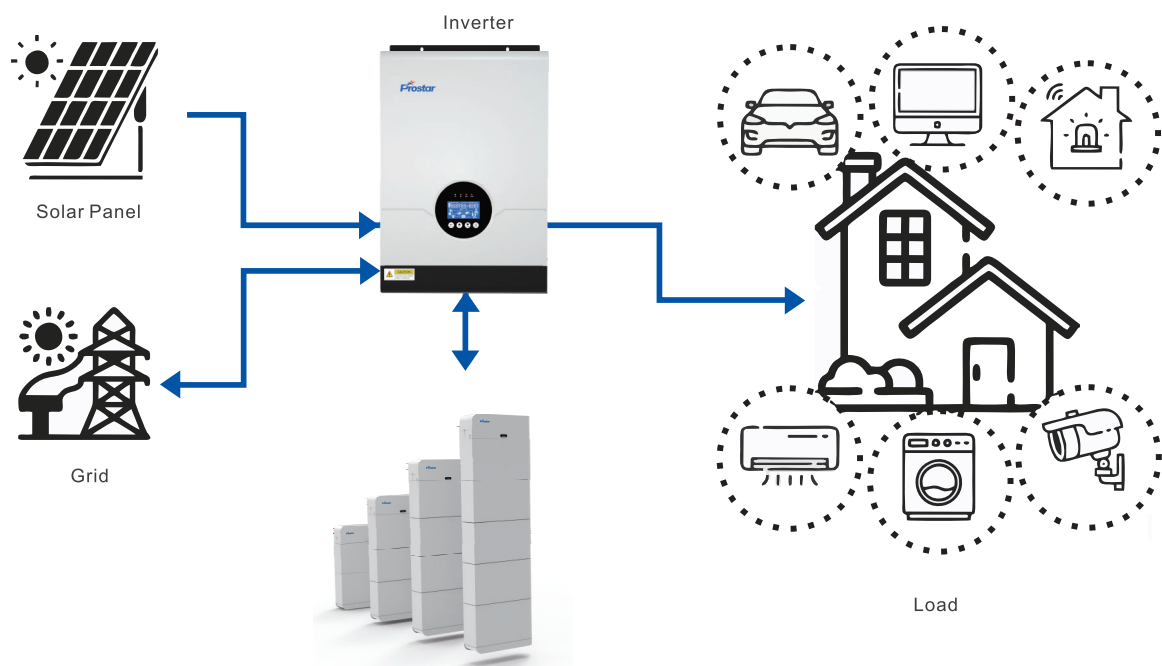
10KWh/15KWh/20KWh/25KWh



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. Compact stack design, 5kWh per module.
4. Easy installation, Swappable stack no need cable connection between each module.
5. System capacity available for up-to 25.6KWH.
6. Battery cell is Certificated with IEC/ UL.
7. Compatible for major Inverter brands in the market.
8. Customized Design is available for OEM/ ODM customers.

Application Diagram



ESS Lithium Battery System



Technical Specifications

MODEL	PLS-LV10kwh	PLS-LV15kwh	PLS-LV20kwh	PLS-LV25kwh
Electrical Characteristics				
Rate voltage(Vdc)	51.2	51.2	51.2	51.2
Energy storage (KWH)	10.24	15.36	20.48	25.6
Cycle life	6000 cycles @80% DOD, 0.5C			
Monthly self discharge	less than 2%			
Charge/ Discharge standard				
Charge Voltage	57.6V			
Max. Charge current(A)	200			
Max. Discharge current(A)	200			
Discharge cut-off voltage (VDC)	43.2			
Charge cut-off voltage (VDC)	58.4			
Environment				
Charge temperature	0°C to 60°C @60±25% Relative Humidity			
Discharge temperature	-25°C to 60°C @60±25% Relative Humidity			
Storage temperature	-20°C to 60°C @60± 25% Relative Humidity			
Mechanical				
IP class	IP54			
Case Type	Stand Stack			
Pack Dimensions L*W*H(mm)	690*195*890	690*195*1300	690*195*1650	690*195*1995
Package Dimension L*W*H(mm)	740*295*400*3	740*295*400*4	740*295*400*5	740*295*400*6
Net Weight(kg))	14+48*2	14+48*3	14+48*4	14+48*5
Gross Weight(kg)	21+53*2	21+53*3	21+53*4	21+53*5
Communication				
Protocol (Optional)	CANBus/RS485/RS232			
Monitoring	Bluetooth/ WLAN Optional			
Certificates				
Pack	UN38.3, MSDS			
Cell	UN38.3, MSDS, IEC62619, CE, UL1973, UL2054			
Others	15S(48V) models also available			