













Residential ESS

Floor-Mounted Type

FEATURES

- Uses large capacity, high reliability and long life LFP Cells
- · Function modularized automatic identification, support multi-machine parallel connection
- Support RS485 & CAN protocols
- Support most of the market inverter scheme
- Simple and reliable installation
- Support upmost 8pcs module in parallel
- Customized appearance is available

GENERAL PERFORMANCE

PLB48200-L(F) Model No. Nominal Capacity 200Ah **Battery Type and Chemistry** LFP Prismatic Norminal Voltage 51.2V Operating Voltage Range 44.8~58.4V

Energy Standard Charge/Discharge Current 50A Max. Continuous Charge Current 100A 100A Max. Continuous Discharge Current Peak Current 150A≤5s

OPERATING CONDITIONS

Charge: 0°C~55°C Operation Temperature

Discharge: -20°C~60°C

10.24KWh

-10°C~50°C Storage Temperature

WARRANTY & MAINTENANCE

Warranty 5 years Life Span >10 years

>6000, @25°C Cycle Life

Maintenance No maintenance required subject

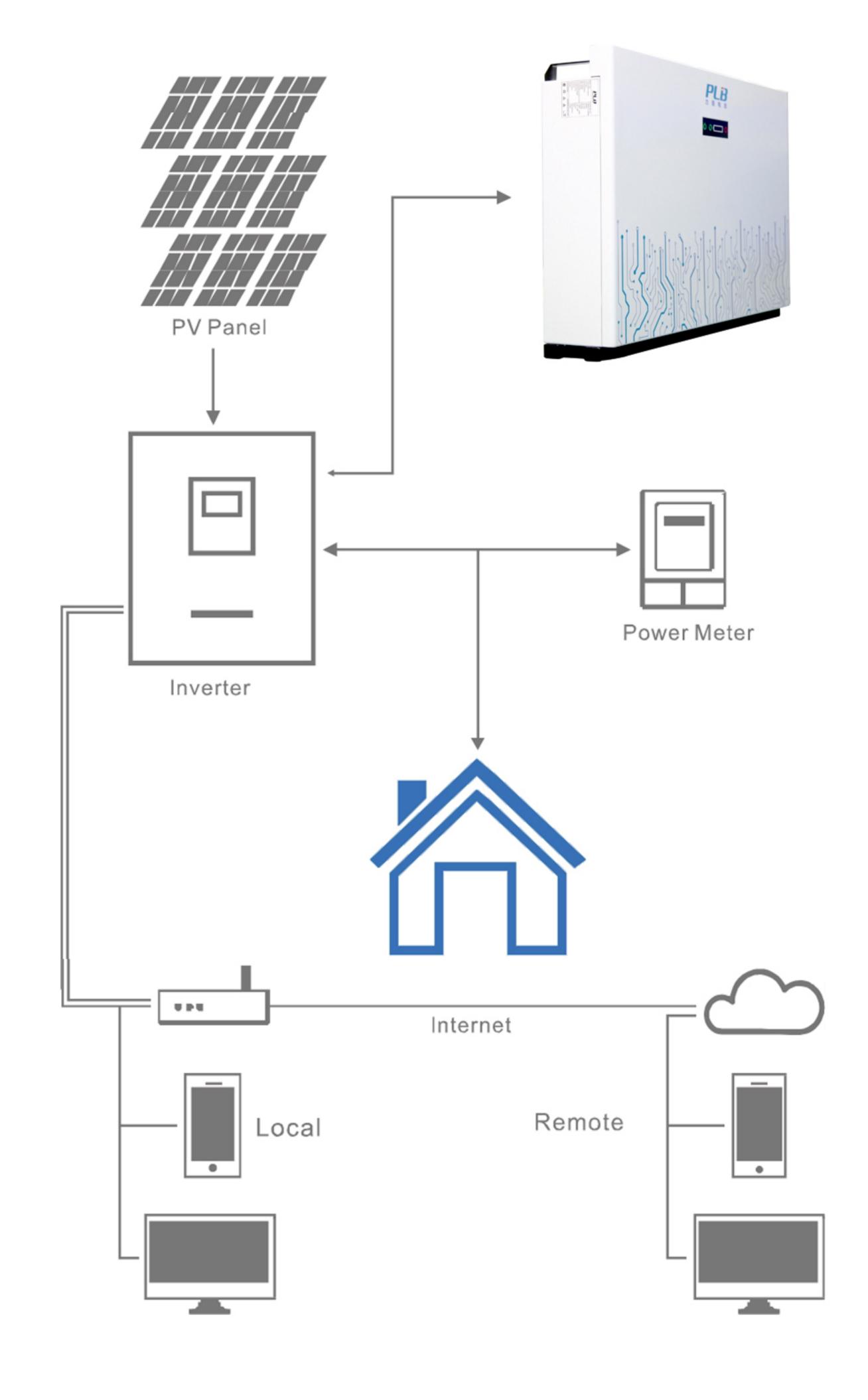
to installation environment

MECHANICAL

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Enclosure Floor-Mountable H960*W630*D180mm Dimensions

Weight(kg) ≈102kg



COMMUNICATIONS & SMART FEATURES

CAN/RS485 Communication

Battery Protection Over-Current, Over-Voltage, Short Circuit,

Under-Voltage, Over Temperature

Up to 8 sets Batteries Pack Module Parallel Configuration Options

INSTALLATION

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Optimum Location Indoors and ground-level 0°C~35°C, well ventilated Ambient Temperature Requirement Relative Humidity Requirement 40%~60% relative humidity

Location Constraints Must be a weatherproof and well-ventilated space