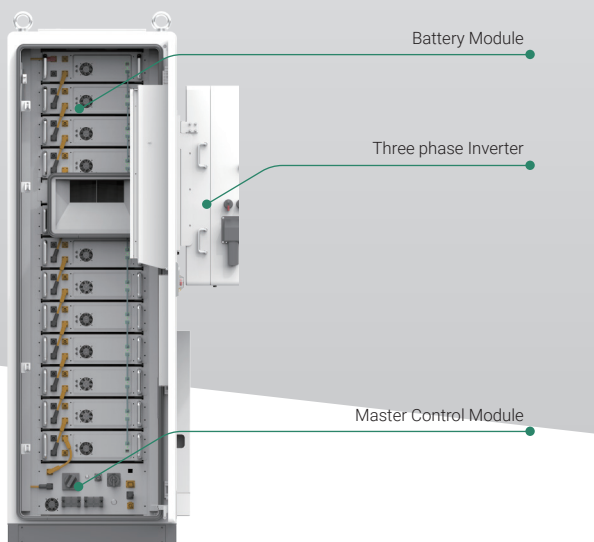


PowerBase MAX-60A

60kWh Air-Cooling Battery



Key Features



Convenient Operation

Integrated and modular design for simplified BESS wiring and maintenance



Extreme Compatibility

Combined with Three phase hybrid inverter. to achieve both On-Grid and Off-Grid Connections



Easy Expansion

Supported unlimited parallel to suit for C&I and large Residential power backup



60kw High Power

Support 1C rate AC output, Suitable for high rate cyclic charging and discharging scenarios



Safety

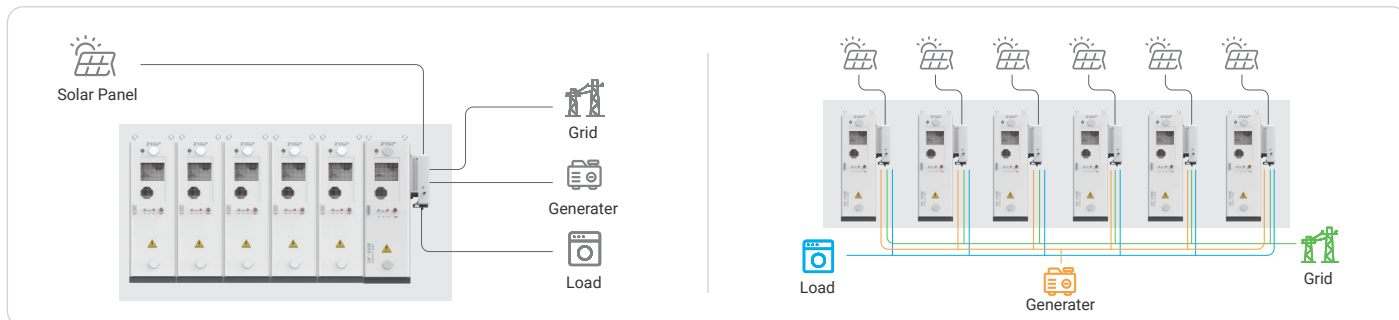
With detection systems for combustible gases, smoke, and temperature variations, along with active exhaust and fire alarm systems for enhanced safety

IP 55

Waterproof

IP55, suitable for both indoor and outdoor environments. Meets various installation scenarios

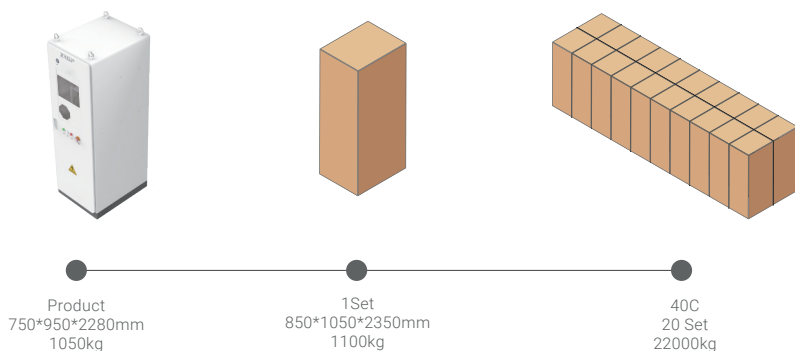
System Layout



■ Main Parameters

Battery Energy Storage	PBM061LCBA0-US	PBM061LCBA0-US	PBM061LCBA0-EU
Cell Chemistry	LiFePO4		
Module Energy (kWh)	5.12		
Module Nominal Voltage (V)	51.2		
Module Capacity (Ah)	100		
Battery Module Combination	6S2P	12S1P	12S1P
System Nominal Voltage (V)	307.2	614.4	614.4
System Operating Voltage (V)	281.25~340.8	562.5~681.6	562.5~681.6
System Energy (kWh)	61.44		
Charge Current (A)	95		
Discharge Current (A)	100		
General Parameters			
Dimension (W*D*H)	750*950*2280mm / 29.5*37.4*89.7in		
Weight Approximate	1050kg / 2314.8lb		
Working Temperature	-20~55°C		
Communication Interface	CAN, RS485, Wi-Fi, LTE		
Humidity	5%~85%RH		
Altitude	≤2000m		
IP Rating	IP55		
Storage Temperature	-20~35°C		
Recommend Depth of Discharge	90%		
Cycle Life	>8000 cycles		
Warranty	3 years free, paid from the 4th to the 15th year		
Certification	UL1973, UL9540A, UN38.3, IEC62619 UL 1741-2021 (incl UL1741SB), CSA C22.2, No 107.1-16 IEEE 1547-2018 & 1547a-2020 & 1547.1-2020 (SRD V2.0), UL1699B		

■ Packaging And Shipping Details



■ Size

