



Convenient Operation

Integrated and modular design for simplified BESS wiring and maintenance



60kw High Power

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



Extreme Compatibility

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



Waterproof

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



Easy Expansion

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



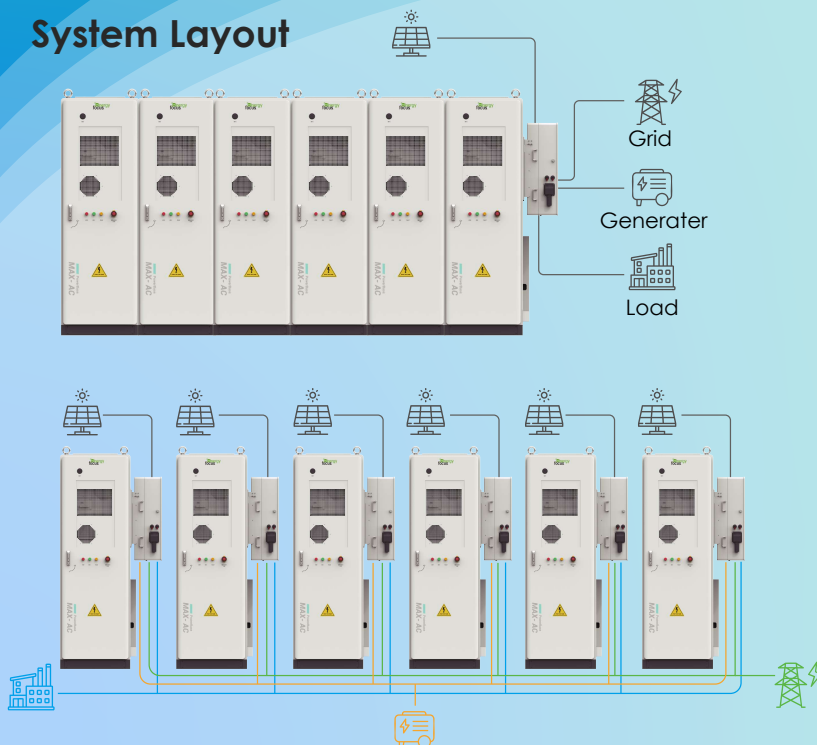
Safety

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

EFOI- MAX-60A

60kWh Air-Cooling Battery

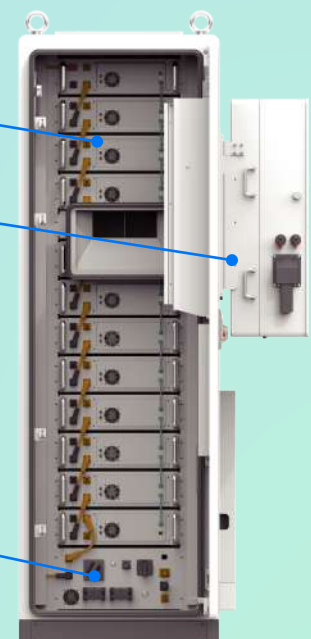
System Layout



Battery Module

Three phase Inverter

Master Control Module



Main Parameters

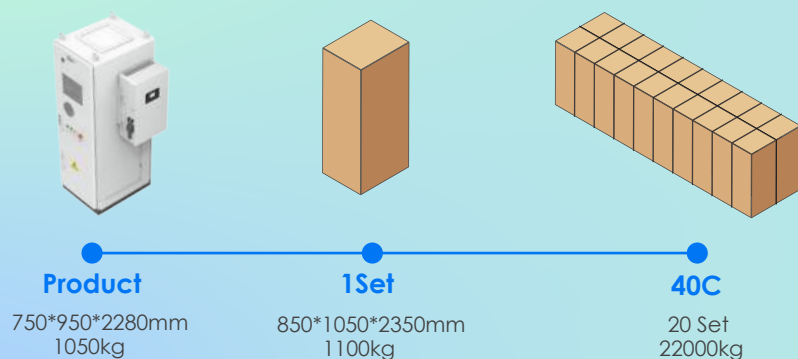
Battery Energy Storage	PBM061LCBA0-US	PBM061LCBA0-US	PBM061LCBA0-EU
Cell Chemistry	LiFePO4		
Module Energy (kWh)	5.12		
Module Nominal Voltage (V)	51.2		
Module Capacity (Ah)	100		
Battery Module Combination	6S2P	12S1P	12S1P
System Nominal Voltage (V)	307.2	614.4	614.4
System Operating Voltage (V)	281.25~340.8	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

