



ENLIGHTEN AND INSPIRE  
FOR BETTER LIVING



#### 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



#### Easy Expansion

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



#### Waterproof

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



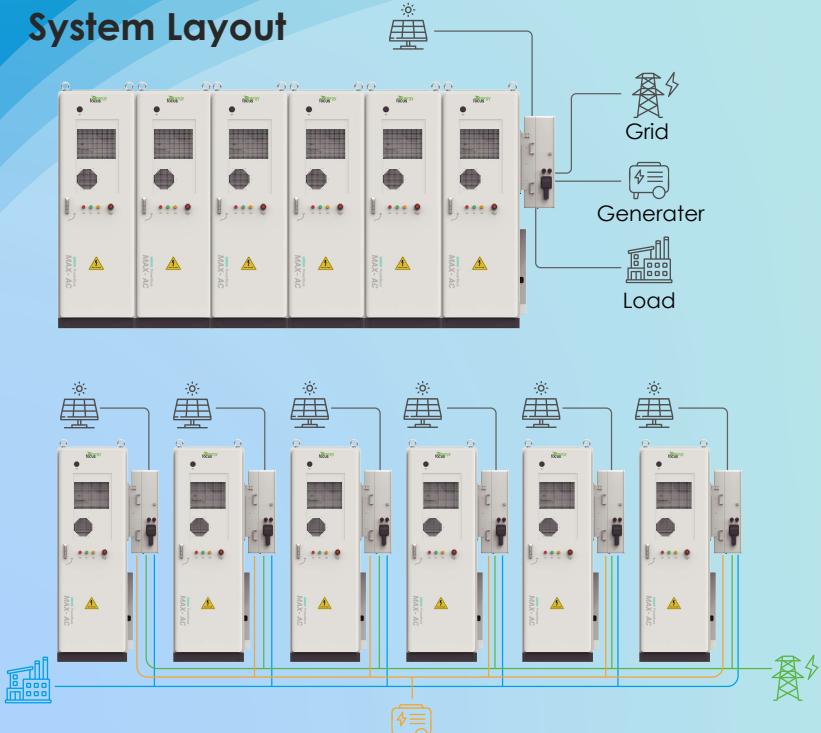
#### Safety

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

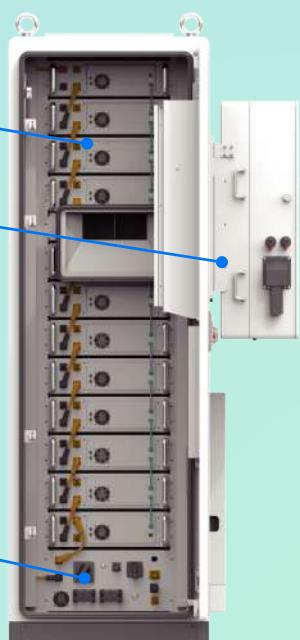
## System Layout



**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

