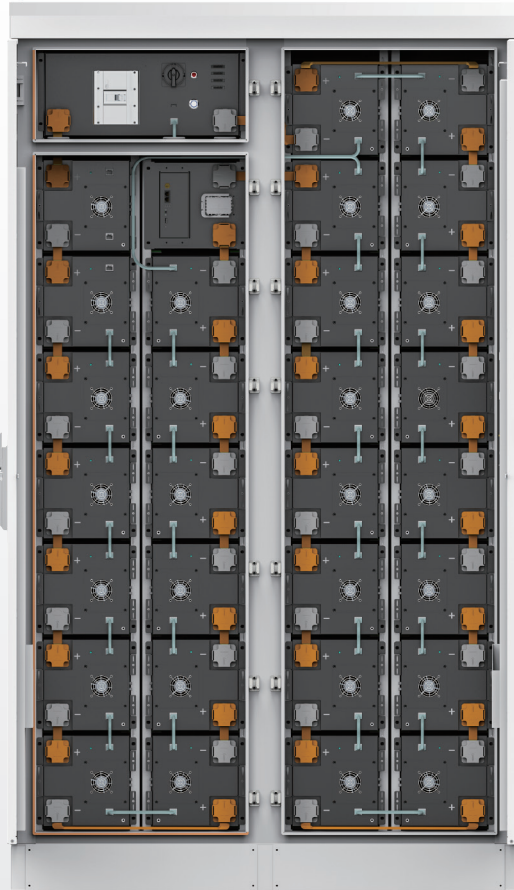


# 207kWh Air-Cooling Battery

# Ecube

## R-EC207LCB01



### High safety

The use of high security lithium iron phosphate battery cells, battery pack partition safety isolation, built-in system-level firefighting unit, active safety warning system, to ensure the safe and reliable operation of the system.

### High-efficiency balanced BMS technology

The use of efficient equalization technology to eliminate series losses, BMS sampling chip power consumption to achieve the industry's lowest and good consistency, reduce the inconsistency between the modules.

### Long life cycle

More than 8000 cycles of electric core, using laser welding process, to ensure that the system life can reach more than 10 years.

### Efficient thermal management system

Internal integration of efficient air conditioning temperature control system.

### Convenient installation

Standardized product design, power station system to achieve building block type construction, product installation is extremely simplified, user-friendly deployment

### Convenient operation and maintenance

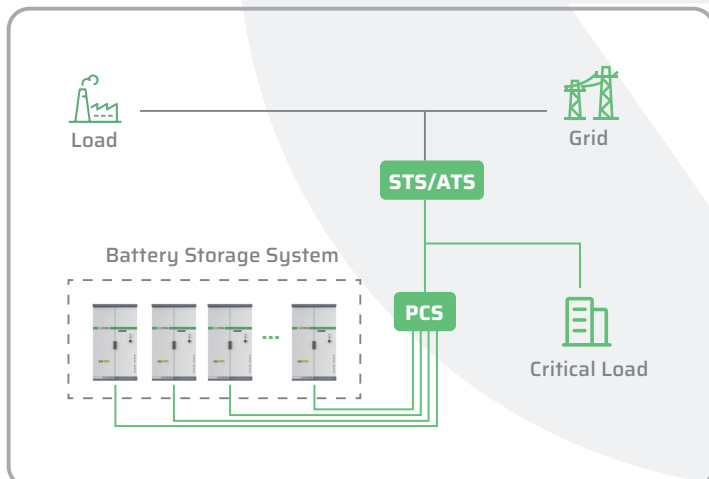
Full modular design, after-sales personnel only need to simply replace the corresponding module to complete the after-sales work, from the local side of the operation and maintenance to the cloud operation and maintenance, so that the operation and maintenance is extremely simplified.

## Battery specifications

Single Cell Type	LFP 3.2V/280AH
Module Combination	1P8S
System Combination	29 modules in series
Capacity (kWh)	207.872
Nominal Voltage (V)	742.4
Voltage Range (Vdc)	679.76 ~ 823.6
Charge/Discharge Current	≤0.5C
Discharge Depth	90% DoD
Service Life	>8000 cycles@80%DoD
Thermal Management Mode	Air Conditioner
Thermal Control Management	Aerosol Extinguishing

## System Characteristic

Communication Interface	CAN, RS485, Wi-Fi
Battery Certifications	IEC62619/UN38.3
Warranty	10Years

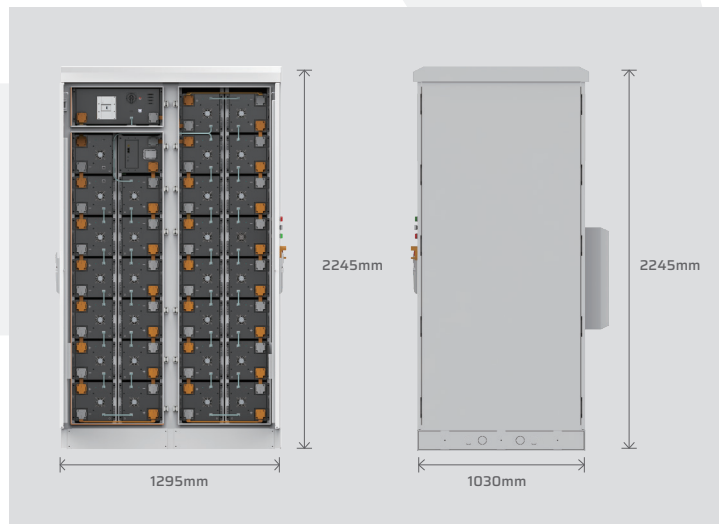


## Alarm & protection

Input/output voltage protection	Over/under voltage will automatic shut down and restart when voltage return to normal
Over current/short circuit protection	Automatic shutdown and lock, need power off to restart to unlock
Over temperature protection	Automatic shutdown, automatic restart when the temperature return to normal

## General Parameters

Dimensions (W*D*H) (mm)	1295*1030*2245
Total Weight (kg)	2600
Cooling	Forced Air Cooling
Operation Altitude	2000m(>2000m derating)
Noise Level @1m	≤50 dB(A)
IP Rating	IP54
Operating Temperature	-20°C to 55°C
Operating Humidity (RH)	0 to 95%
Storage Conditions	-20°C to 30°C Up to 95% RH, non-condensing State of Energy (SoE): 50% initial



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