

# INTELLIGENT ENERGY BLOCK

## 125kW+250kWh Energy Storage System



### eBlock 250



#### Intelligent Operation and Maintenance

- Modular energy block design, modular spare parts, more convenient maintenance.
- Data, video high-speed access to the cloud, remote active fire extinguishing, to achieve true unattended.
- Profits are clearer, data is more transparent, operation and maintenance is easier.



#### Efficient and Flexible

- High energy density, no junction cabinet, saving floor space.
- PCAK/PCS modular design, reduce failure loss, high system availability.
- Single rack management, no inter rack circulation, improve the system energy charge/discharge capacity.
- Full liquid cooling, longer system life, lower auxiliary power consumption.



#### Extreme Safety

- Multi-layer fire protection, rapid suppression of thermal runaway.
- Top burst design to prevent the risk of explosion.
- Battery health AI management, early warning of failure battery.
- Noise reduction by 50%, suitable for large commercial buildings, parks and other areas.



#### Easy installation

- Modular products plug and play.
  - Automatic SOC balancing between Packs.
  - Equipment foundation no need excavation design, save the site civil construction cost.
  - With the functions of parallel off-grid, backup power, three-phase imbalance management, etc.
- Suitable for various application scenarios.



## Technical Data

## eBlock-250

## System Data

Cell Type	LFP 3.2V/314Ah	Number of Cycles	≥7000 Cycles
Configuration	1P260S	System Protection Level	IP55
Nameplate Capacity	250kWh	Operating Temperature	-35°C ~ 55°C
DC Voltage Range	728~936V	Operating Humidity	0%RH ~ 95%RH (No condensation)
AC Rated Power	125kW	Noise	< 70db
Rated Voltage Range	400V±15%	Dimensions (W * H * D)	1000 * 2350 * 1300(mm)
Maximum System Efficiency	≥90%	Altitude	≤2000m
Depth Of Discharge	100%DOD	Thermal Management Methods	Liquid Cooling (battery)
Communication Interface	LAN	Total weight	3000Kg
AC Current Distortion Rate	<3%	Certification	CQC、LVRT/HVRT、IEC 62477、IEC 61000、IEC 62619、VDE 4105、UTE C15-712-1、CEI0-21、EN 50549-2、UN38.3
DC Component	< 0.5%lpn		