



eBlock 250


**NEXT-GEN ENERGY ENGINE
FOR INDUSTRY AND COMMERCE**




**Intelligent energy block eBlock-250
125kW/250kWh Energy Storage System**

 Intelligent operation and maintenance

 Ultimate

 Efficient and flexible

 Quick installation

■ **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 online system rate
- Single cluster management, no intercluster circulation, improve the system power generation
- Full liquid cooling, long system life, lower auxiliary power consumption

■ **Ultimate**

- Multi-layer fire protection, rapid suppression of thermal runaway
- The top is equipped with a burst valve to prevent the risk of ignition and explosion
- Battery health AI management, early warning of failure battery
- Noise reduction by 50%, suitable for large commercial buildings, parks and other areas

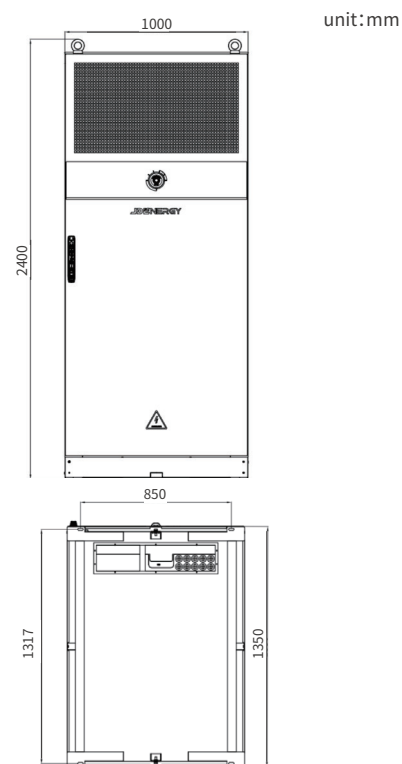
■ **Quick installation**

- Modular products plug and play
- Automatic SOC balancing between modules
- Equipment foundation no digging trench, 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

SYSTEM DATA

Cell Type	LFP 3.2V/314Ah
Battery grouping method	260S1P
Battery capacity	250kWh
Battery voltage range	728~936V
AC rated power	125kW
AC Rated Frequency	50/60Hz
Rated Voltage Range	400V(-15%~10%)3L/N/PE
Maximum system efficiency	≥90%
Depth Of Discharge	100% DOD
communication interface	LAN
AC current distortion rate	<3%
DC component	< 0.5%lpn
Number of cycles	≥10000 Cycles
System protection level	IP55
Operating Temperature	-35°C~55°C (45°C-55°C derating)
Operating humidity	0%RH ~ 95%RH (No condensation)
Noise	< 80db
Altitude	≤2000m
Thermal management methods	Liquid cooling (battery)
Certification	CQC、LVRT/HVRT, IEC 62477, IEC 61000, VDE 4105, CEI 0-16, CEI 0-21 EN 50549-1, EN 50549-2, UN38.3

MECHANICAL PARAMETER



Tolerance: Length ±2mm, width ±2mm

Dimensions (W*H*D)	1000 mm * 2400 mm * 1350 mm
Total Weight	2700Kg
Installation mode	install on the ground

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