



215Kwh

Distributed ESS Cabinet

Used for commercial electricity. Competitive prices and ideal equipment
Provide energy storage solutions for your enterprise.



PRODUCT FEATURES



- 1/ Intelligent Management:**

 - 24-hour Cloud Intelligent Maintenance.
 - Fast Fault Location And Analysis.
 - Intelligent Temperature Control To Reduce Power Consumption.
- 2/ Safety And Reliability:**

 - EV LiFePO4 Batteries. IP54 Protection.
 - Epitaxial Design. Patented Flame Retardant
 - Battery Modular Management,Self-diagnosis And Self-recovery Of Faults.
- 3/ All-in-One Design:**

 - Highly Integrated, All-in-One Design.
 - Easy To Transport, Install And Maintain.
 - Plug And Play,One-Touch Start/Stop.
- 4/ Simple Appearance:**

 - Simple Industrial Beauty.
 - Compact Construction.
 - Space saving.
- 5/ Flexible Applications:**

 - Modular design of structure and components, according to different configurations,flexible for a variety of industrial and commercial scenarios such as microgrid,light storage and charging integration.
 - Supports parallel connection of multiple units for collaborative control.

PRODUCT PARAMETERS

Item	Values
Cell Parameter	
Cell type	Lithium iron phosphate
Single-cell cycle life	3.2V280Ah EOL70%8000 Time cycle life at (25°C DOD90% 0.5P/O.5P)
Configuration	1P240S
Rated voltage	768V
Voltage range	636V-876V
Nominal energy of the battery system	215kWh
AC Parameter	
Communication access method	three-phase four-wire
AC rated power	100kW
Maximum AC power	110kW
rated voltage	400VAC
Rated frequency	50/60 Hz
Total current harmonic distortion rate	<3%
Voltage range	320-460VAC
PV Parameter	
PV maximum voltage	1000VDC
PV MPPT voltage range	250-850Vdc
System Parameter	
Maximum conversion efficiency	≥90%
Dimensions	2700×1100×2550mm
Weight	2.75T
Noise	<75dB
IP level	Ip54
Ambient temperature	-20-60°C
Relative humidity	0-95%
Altitude	300M
BMS BMS communication	5000m(Landing above 300 meters)
EMS BMS communication	RS485,CAN