

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
<b>Cell Parameter</b>	
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
<b>AC Parameter</b>	
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
<b>PV Parameter</b>	
PV maximum voltage	1000VDC
PV MPPT voltage range	250-850Vdc
<b>System Parameter</b>	
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