

Energy Storage System Series

215kWh Outdoor Cabinet Type Energy Storage System

Product Features:

Simple and Flexible

- High integration, small size, easy installation, operation and maintenance;
- IP54 protection grade, stronger environmental adaptability;

Economical and Friendly

- Reducing the maximum demand electricity cost, with considerable economic benefits;
- Supporting peak shaving and valley filling, and dynamic expansion of transformers ;

Safe and Reliable

- Built-in fire extinguishing , temperature control, early warning system multiple security guarantees;
- Intelligent control system, which can be connected to the local monitoring system for unified management and control;



Technical Specification:

Technical Parameters Table

DC Side

Battery capacity (kWh)	215.04
Number of battery cluster	1
BMS communication interface	RS485/CAN
DC voltage range(V)	672~850

AC Side

Rated AC power(kW)	100
Max. AC power(kW)	110
Rated AC current(A)	144
DC current component	< 0.5%
THDi	< 3% (Rated power)
Rated grid voltage(V)	400
Allowable grid voltage range(V)	320~460
Rated grid frequency(Hz)	50/60
Allowable grid frequency range(Hz)	45~55/55~65
Power factor	0.8 (lagging) ~0.8(leading)

PV Input

Max. PV input voltage(V)	1000
Max. PV power(kW)	120/180/240
MPPT voltage range(V)	250~850
MPPT voltage range@full load(V)	450~850

General Data

IP grade	IP54
Noise	< 75dB
Fire extinguishing system	Support
Operating temperature	0°C~45°C
Relative humidity	0~95% no condensation
Dimension W*D*H (mm)	2450*1600*2350
Weight (kg)	4000kg, including battery
BMS communication interface	CAN, RS485
EMS communication interface	RS485, TCP/IP
Cooling method	Temperature control intelligent air cooling
Operation altitude (m)	≤3,000