

Energy storage system series

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 & 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:

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DC data	
Battery capacity (kWh)	100~200
Number of battery racks	1~2
BMS communication interface	RS485/CAN
DC voltage range(V)	420~850
AC data	
Rated AC power(kW)	30~150
Max. AC power(kW)	30~150
Rated AC current(A)	43~216
Max. AC current(A)	48~238
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	1lagging-1leading
Isolation method	With the isolation
General Data	
Ingress protection	IP54
Fire extinguishing system	Support
Operating temperature	-30°C~ 55°C
Dimension W*D*H (mm)	Customization*1,300*2,400
Weight (kg)	Customization
BMS communication mode	CAN, RS485
EMS communication mode	RS485, TCP/IP
PCS cooling way	Temperature control intelligent air cooling
Battery cooling way	Air conditioning cooling
Altitude	4,500m (>3,000 Derating)