

Application Scenario

Islands, villages, communities, resorts, data centers, uninterruptible power supply and backup power system for enterprise parks, base stations, etc.

Function Features:

- System sub-cabinet design;
- Battery single cluster management;
- Modular design, easy to install and maintain.

Modular Design

Easy to install and maintenance

Safe and reliable



INDUSTRIAL AND COMMERCIAL ENERGY STORAGE SYSTEM

Industrial and commercial energy storage system

Item	Parameters	Remark
Series and parallel	224S1P	14pcs battery packs
Nominal capacity	180Ah	/
Nominal voltage	DC716.8V	/
Working voltage range	560V~817.6V	Single cell 2.5~3.65V
Nominal energy	200.7kWh	0.5CP
Rated chargeing current	140A	0.5C
Maximum constant charge current	160A	25±5℃，0~100% SOC
Rated discharge current	140A	0.5C
Maximum constant discharge current	160A	25±5℃， 3.0~3.45V
Rated power	Charge: 100KW Discharge: 100KW	Charge 0.5P
Operation temperature range (optional)	25±5℃	Guaranteed cycle life conditions
Power consumption (without fan)	30W / (1BPU + 1 Rack)	110~230V AC power supply
Fan Power Consumption	100W	/
Size	800(-0/+3) *412 (-0/+4) *225 (-0/+6) mm 840(-0/+3)*466(-0/+4)*225(-0/+6)mm	Dimensions without connectors & handles Dimension include connectors & handles
Weight	2950kgs	±50kgs
Cabinet outer dimensions	H2050*D1000*L2360mm	±20mm exclude PCS and air conditioner
IP Grade	IP54	/
Humidity	65%±20%RH	/
Altitude	≤2000m	> 2000 Customizable