

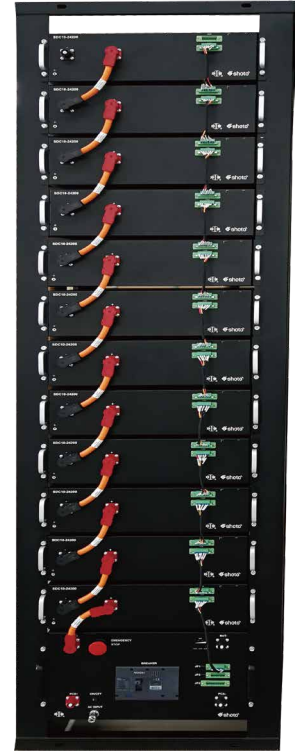


Application Scenarios

- Industrial and mining enterprise in the regions with limited electricity availability;
- Large office building, scientific researching park with demand of uninterruptable power supply;
- Railway stations, wharfs and airports with high traffic density;
- To reduce energy bills, in places with different energy costs tariffs shifting.

Key advantages

- It adopts modular design and has strong expansibility, and it can also meet the power and energy requirements of different users.
- Long life design, battery cluster can achieve more than 5500 cycles.
- Comprehensive protection design of software and hardware is designed to assure high safety and reliability of system.
- High-speed and real-time of PC control and communication networks ensure the timeliness and stability for data transfer.

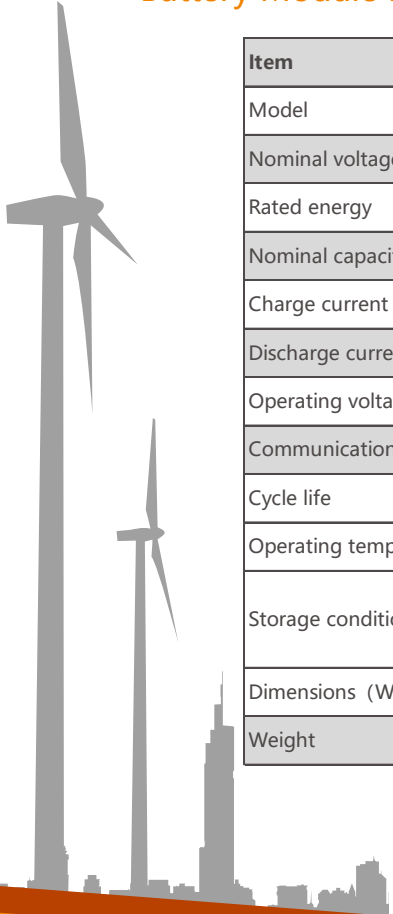
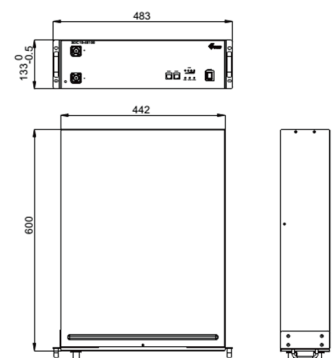


Battery Module Parameters

Item	Parameters
Model	SDC10-24200
Nominal voltage	24 V
Rated energy	5.12 kWh
Nominal capacity	200Ah
Charge current (Maximum)	200A
Discharge current (Maximum)	200A
Operating voltage range	20V ~ 29.2 V
Communication interface	CAN
Cycle life	≥5500
Operating temperature	0°C ~ +45°C
Storage conditions	Temperature: -20°C ~ 45°C
	Humidity: 5% ~ 90%RH
Dimensions (W×D×H) mm	442×600×133
Weight	55kg±1kg



Battery Module Size





Battery Cluster parameters

Model	SDC10-691200	
1. Performance Parameter		
Nominal voltage	691V	
Nominal capacity	200Ah	
Rated energy	138.2kWh	
Operating voltage range	540V ~ 799.2V	
Charging voltage	790V	
Discharge cut-off voltage	540V	
Standard Charge current	200A	
Standard Discharge current	200A	
Pulse Current (Maximum)	250A	
Dimensions (W*D*H)	1016*650*2200mm	
Weight	2050kg	
2. Function Description		
Installation method	19 rack mounted standard cabinet	
Communication interface	CAN	
Equilibrium method	Active balance	
Connection mode	Special navigation	
Alarm and protection	Over voltage, under voltage, low SOC, overload, overcurrent, over temperature, insulation, etc .	
3. Working Condition		
Cooling mode	Automatic	
Operating temperature	Charge	0°C ~ +45°C
	Discharge	-5°C ~ +50°C
Recommended operating temperature	Charge	+15°C ~ +35°C
	Discharge	+15°C ~ +35°C
Working humidity	5% ~ 95%RH	

Dedclaration: This information is generally descriptive only and is not intended to make or imply any representation, guarantee or warranty with respect to any cells and batteries. Cell and battery designs/specifications are subject to modification without notice. Contact CHINASHOTO for the latest information.



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