SDC10-691200



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

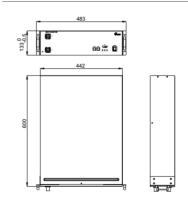
ltem	Parameters		
Model	SDC10-24200		
Nominal voltage	24 V		
Rated energy	5.12 kWh		
Nominal capacity	200Ah		
Charge current (Maximum)	200A		
Discharge current (Maximum)	200A		
Operating voltage range	20V~29.2 V		
Communication interface	CAN		
Cycle life	≥5500		
Operating temperature	0°C ~ +45°C		
	Temperature:-20°C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



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Battery Module Size



SDC10-691200



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		

Declaration: 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.