

Air-cooling Rack Solutions

• Product Features and Advantages

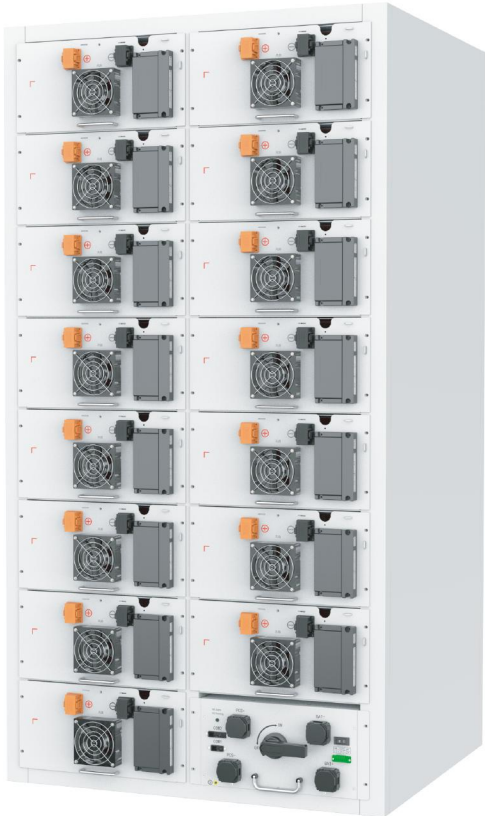
Providing products as OEM/ODM

- **Operational Assurance**

Two-tier battery safety management system.  
Full coverage of critical sampling points, building a comprehensive IoT.  
Real-time feedback control; fault diagnosis, real-time warning.  
Triple protection, blocking the spread of risk in layers.
- **Thermal Management System**

Advanced thermal management technology, from the cell to the battery module.  
Through simulation and actual testing, controlling the temperature difference within the rack is within 8°C.
- **Flexible Configuration, High Compatibility**

Flexible configuration with standardized, modular design; the PACK supports DC1500V platform.



Model		SE-RC-280A-1P16S*15	SE-RC-280A-1P20S*12
Cell type		LFP	
Cell capacity		280Ah	
Group configuration		1P16S*15	1P20S*12
Nominal voltage		768V	
Nominal capacity		215kWh(@25°C±2)	
Efficiency		≥94%	
Max. constant charging/discharging power		0.5P	
Nominal charging/discharging current		140A	
Range of operating voltage		648V~864V	
Max. range of working temperature	Charging	0°C ~ 55°C	
	Discharging	-30°C ~ 55°C	
Max. temperature of national standard full cycle battery cell		35°C	
Max. temperature difference of national standard full cycle battery cell		8°C	
IP rating		IP20	
Environment humanity		< 90%RH (non-condensing)	
Cooling method		Air cooling	
Weight		1950kg	1920kg
Dimension(W*D*H)		1056mm×830mm×2000mm	1056mm×983mm×1740mm
Fire safety configuration		Aerosol	
Maximum working altitude		2000m	
Cycle Life		8000	



CE

UN38.3

IEC61000 IEC62477  
IEC62619 IEC63056

This product sheet is as comprehensive and detailed as possible based on existing information.  
The company reserves the right to modify data, parameters and other information.