

I Providing products as OEM/ODM

14.336kWh - 17.92kWh

Storage capacity

280Ah

Cell Capacity



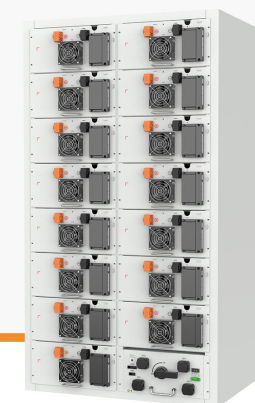
I Providing products as OEM/ODM

14.336kWh - 372.736kWh

Storage capacity

280Ah

Cell Capacity



Product parameters table

Model	SE-BP-280A-1P16S	SE-BP-280A-1P20S
Cell type	LFP	
Cell capacity	280Ah	
Group configuration	1P16S	1P20S
Nominal voltage	51.2V	64V
Nominal capacity	14.336kWh(@25°C±2)	17.92kWh(@25°C±2)
Efficiency	≥94%	
Max.constant charging/discharging power	0.5P	
Nominal charging/discharging current	140A	
Range of operating voltage	43.2V~57.6V	54V~72V
Max. range of working temperature	Charging Discharging	0°C~ 55°C -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	5°C	
IP rating	IP20	
Environment humidity	<90%RH(non-condensing)	
Cooling method	Air cooling	
Weight	114kg	140kg
Dimension(W*D*H)	499mmx810mmx230mm	483mmx970mmx235mm
Fire safety configuration	Aerosol	
Cycle Life	8000Cycles(0.5P,25±2°C,@70%SOH)	
Maximum working altitude	2000m	

This manual is compiled from current technical data and strives for accuracy. We reserve the right to modify product parameters, performance, and information without notice. Product appearance is subject to the actual delivered item.

Product parameters table

Model	SE-BP-280A-1P16S	SE-BP-280A-1P20S
Cell type	LFP	
Cell capacity	280Ah/314Ah	
Group configuration	1P16Sx15	1P20Sx12
Nominal voltage	768V	
Nominal capacity	215kWh(@25°C±2)	
Efficiency	≥94%	
Max.constant charging/discharging power	0.5P	
Nominal charging/discharging current	280Ah/140A	314Ah/157A
Range of operating voltage	648V~864V	
Max. range of working temperature	Charging Discharging	0°C~ 55°C -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 humidity	<90%RH(non-condensing)	
Cooling method	Air cooling	
Weight	1950kg	1920kg
Dimension(W*D*H)	1056mmx830mmx2000mm	1056mmx983mmx1740mm
Fire safety configuration	Aerosol	
Cycle Life	8000Cycles(0.5P,25±2°C,@70%SOH)	
Maximum working altitude	2000m	

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