

I Providing products as OEM/ODM

43kWh - 373kWh

Storage capacity

280Ah

Cell Capacity



I Providing products as OEM/ODM

48kWh - 418kWh

Storage capacity

314Ah

Cell Capacity



Product parameters table

Model	SE-BP-280L-1P48S×8	SE-BP-280L-1P52S×8
Cell type	LFP	
Cell capacity	280Ah	
Group configuration	1P48S×8	1P52S×8
Nominal voltage	1228.8V	1331.2V
Nominal capacity	344.064kWh(@25°C±2)	372.736kWh(@25°C±2)
Efficiency	≥94%	
Max.constant charging/discharging power	0.5P	
Nominal charging/discharging current	140A	
Range of operating voltage	1036.8V~1382.4V	1123.2V~1497.6V
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	4°C	
IP rating	IP67(Pack)	
Environment humidity	<90%RH(non-condensing)	
Cooling method	Liquid cooling	
Weight	2750kg	2950kg
Dimension(W*D*H)	918mmx1138mmx2472mm	918mmx1158mmx2472mm
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-314L-1P48S×8	SE-BP-314L-1P52S×8
Cell type	LFP	
Cell capacity	314Ah	
Group configuration	1P48S×8	1P52S×8
Nominal voltage	1228.8V	1331.2V
Nominal capacity	385.843kWh(@25°C±2)	417.997kWh(@25°C±2)
Efficiency	≥94%	
Max.constant charging/discharging power	0.5P	
Nominal charging/discharging current	157A	
Range of operating voltage	1036.8V~1382.4V	1123.2V~1497.6V
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	4°C	
IP rating	IP67(Pack)	
Environment humidity	<90%RH(non-condensing)	
Cooling method	Liquid cooling	
Weight	2830kg	3030kg
Dimension(W*D*H)	918mmx1138mmx2472mm	918mmx1158mmx2472mm
Fire safety configuration	Aerosol	
Cycle Life	8000Cycles(0.5P,25±2°C,@70%SOH)	
Maximum working altitude	2000m	

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