

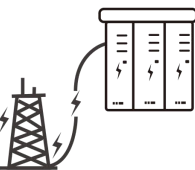
SSE-HH100K~125K-P3EU

Power Conversion System (PCS)

C&I Use

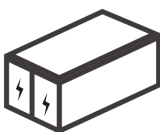
IP 66

5-Year Warranty



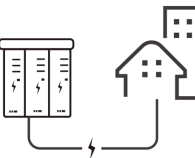
Protect your power supply

Built-in black start functionality ensures backup power for your site



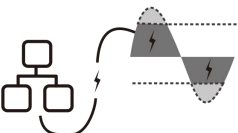
Industrial & Commercial

Versatile and adaptable for various applications, it can be installed indoors or in a customized container



100% unbalanced output

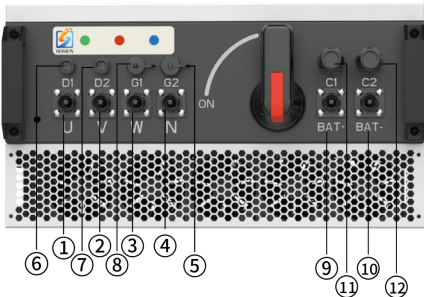
Supports 100% unbalanced load operation even under off-grid conditions



Leading intelligent design

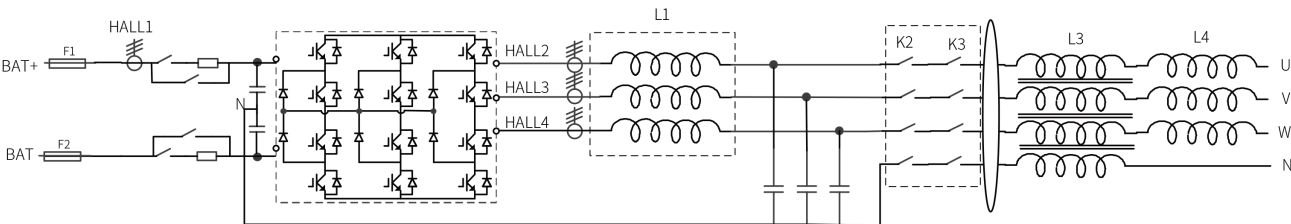
Enables peak load shifting and supports parallel operation from 4 to 12 units

Port Description



- | | |
|------|---------|
| 1.U | 7.D2 |
| 2.V | 8.G1 |
| 3.W | 9.BAT+ |
| 4.N | 10.BTA- |
| 5.G2 | 11.C1 |
| 6.D1 | 12.C2 |

System Schematic Diagram



TECHNICAL SPECIFICATION

Model	SSE-HH100K -P3EU	SSE-HH125K -P3EU
Product Type	Power Conversion System (PCS)	
AC (ON-GRID)		
Rated Power	100 kW	125 kW
Voltage (Nominal or Range)	3L/N/PE 230/400 V a.c.,340~440V a.c. AC(-15%~+10%)	
Frequency (Nominal or Range)	50 /60 Hz	
Power Factor Range	1.0 leading ~ 1.0 lagging	
Overload Capacity	110% long-term	
Max.Apparent Output Power	110 kVA	137.5 kVA
AC Output Rated Current	144 A a.c.	181 A a.c.
Max.Output Current	159 A a.c.	200 A a.c.
THDi	< 3%	
AC(OFF-GRID)		
Rated Output Voltage	3L/N/PE 230V a.c./400 V a.c.	
Rated Output Frequency	50 /60 Hz	
Max. Apparent Output Power	110 kVA	137.5 kVA
THDU	<2% (Linear Load)	
DC (BATTERY)		
Battery Type	Lithium /Lead-acid	
Battery Voltage Range	580-1000 V d.c.	
Max.Charging/Discharging Power	110 kW	137.5 kW
GENERAL PARAMETER		
Cooling	Intelligent air cooling	
Relative humidity	0~95% (Non-condensing)	
Altitude	4,000 m (>3,000 m, Derating)	
Ingress Protection	IP66	
Ambient Temperature	-35°C~55°C(>45°C, Derating)	
Protective Class	I	
Over Voltage Category	III (AC), II(DC)	
Inverter Topology	Non-isolated	
Dimensions (L*W*H)	850*520*280 mm	
Shipping Dimensions (L*W*H)	950*800*480 mm	
Machine Weight / N.W.	85 kg	
DISPLAY AND COMMUNICATION		
Communication Interface	S485 / CAN / Ethernet (Optional)	