

SSE-HH100K~125K-P3EU

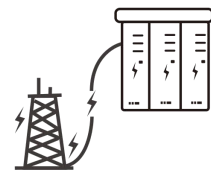
Power Conversion System (PCS)

C&I Use



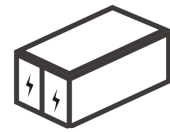
IP 66

5-Year Warranty



Protect your power supply

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



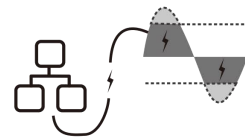
Industrial & Commercial

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



100% unbalanced output

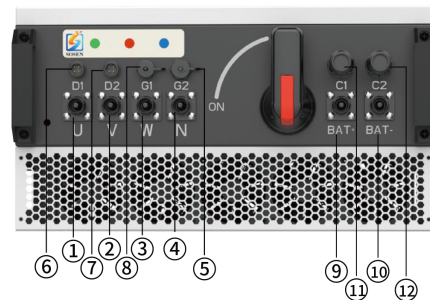
Supports 100% unbalanced load operation even under off-grid conditions



Leading intelligent design

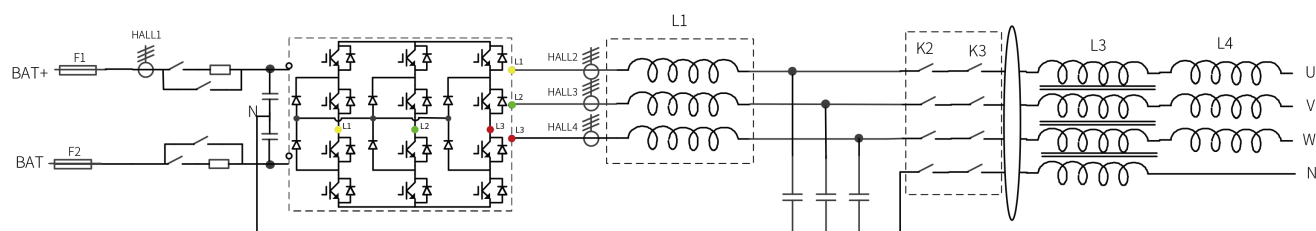
Enables peak load shifting and supports parallel operation from 4 to 12 units

Port Description



- | | |
|------|---------|
| 1.U | 7.D2 |
| 2.V | 8.G1 |
| 3.W | 9.BAT+ |
| 4.N | 10.BAT- |
| 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
Rated Voltage	380 / 400 V a.c., 3W+N+PE	
Rated Frequency	50 Hz / 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	380 / 400 V a.c., 3W+N+PE	
Rated Output Frequency	50 Hz / 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
Max. Charging / Discharging Current	159 A d.c.	200 A d.c.
GENERAL PARAMETER		
Cooling	Intelligent air cooling	
Relative Humidity	0~95% (Non-condensing)	
Operating Altitude	4000 m (>3000 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	
Machine Dimensions (W*H*D)	520*280*850 mm	
Machine Weight / N.W.	85 kg	
DISPLAY AND COMMUNICATION		
Communication Interface	RS485 / CAN / Ethernet (Optional)	

• The AC voltage and frequency range can differ according to the grid standards of each country.
• Please note that all specifications are subject to change without prior notice.