

SSE-HH200K~235K-P3EU

Power Conversion System (PCS)

C&I Use

IP 66

5-Year Warranty



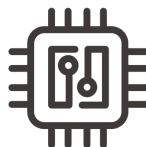
Efficient

Bidirectional energy conversion with a maximum efficiency up to 99%.



Flexible

Modular system design, ideal for large-scale source-side and commercial & industrial user-side applications.



Smart

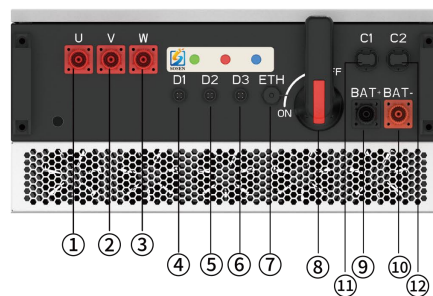
Supports constant power, constant current, and constant voltage control, with LVRT & HVRT, and black start functionality.



Safe

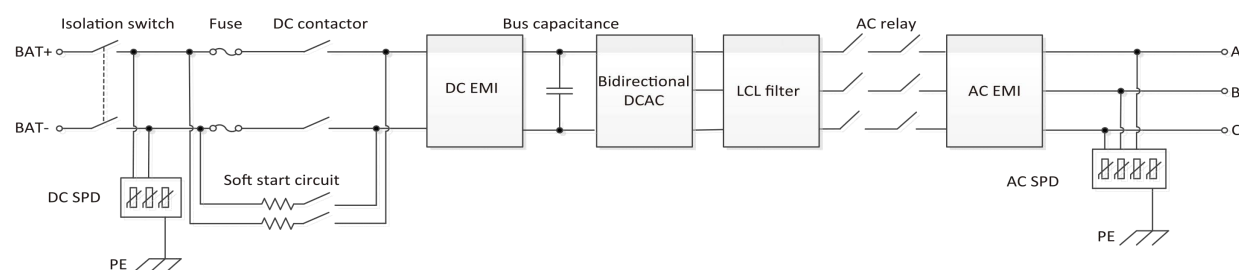
Features anti-islanding protection and IP66 rating.

Port Description



- | | |
|------|---------|
| 1.U | 7.ETH |
| 2.V | 8.SW |
| 3.W | 9.BAT+ |
| 4.D1 | 10.BAT- |
| 5.D2 | 11.C1 |
| 6.D3 | 12.C2 |

System Schematic Diagram



TECHNICAL SPECIFICATION

Model	SSE-HH200K-P3EU	SSE-HH215K-P3EU	SSE-HH235K-P3EU
Product Type	Power Conversion System (PCS)		
AC (ON-GRID)			
Rated Power	200 kW	215 kW	235 kW
Rated Voltage	400 / 690 V a.c., 3W+PE		
Rated Frequency	50 Hz / 60 Hz		
Power Factor Range	1.0 leading ~ 1.0 lagging		
Max. Apparent Output Power	220 kVA	236.5 kVA	258.5 kVA
AC Output Rated Current	167.3 A a.c.	180.0 A a.c.	196.6 A a.c.
Max. Output Current	184.0 A a.c.	197.9 A a.c.	216.3 A a.c.
THDi	< 3%		
DC (BATTERY)			
Battery Type	Lithium / Lead-acid		
Battery Voltage Range	1000 ~ 1500 V d.c.		
Max. Charging / Discharging Power	220 kW	236.5 kW	258.5 kW
Max. Charging / Discharging Current	204 A d.c	220 A d.c.	240 A d.c.
GENERAL PARAMETER			
Cooling	Intelligent air cooling		
Relative Humidity	0 ~ 95% (Non-condensing)		
Operating Altitude	4000 m (>2000 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)	600*900*300 mm		
Machine Weight / N.W.	100 kg		
DISPLAY AND COMMUNICATION			
Communication Interface	RS485 / Ethernet / CAN (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.