

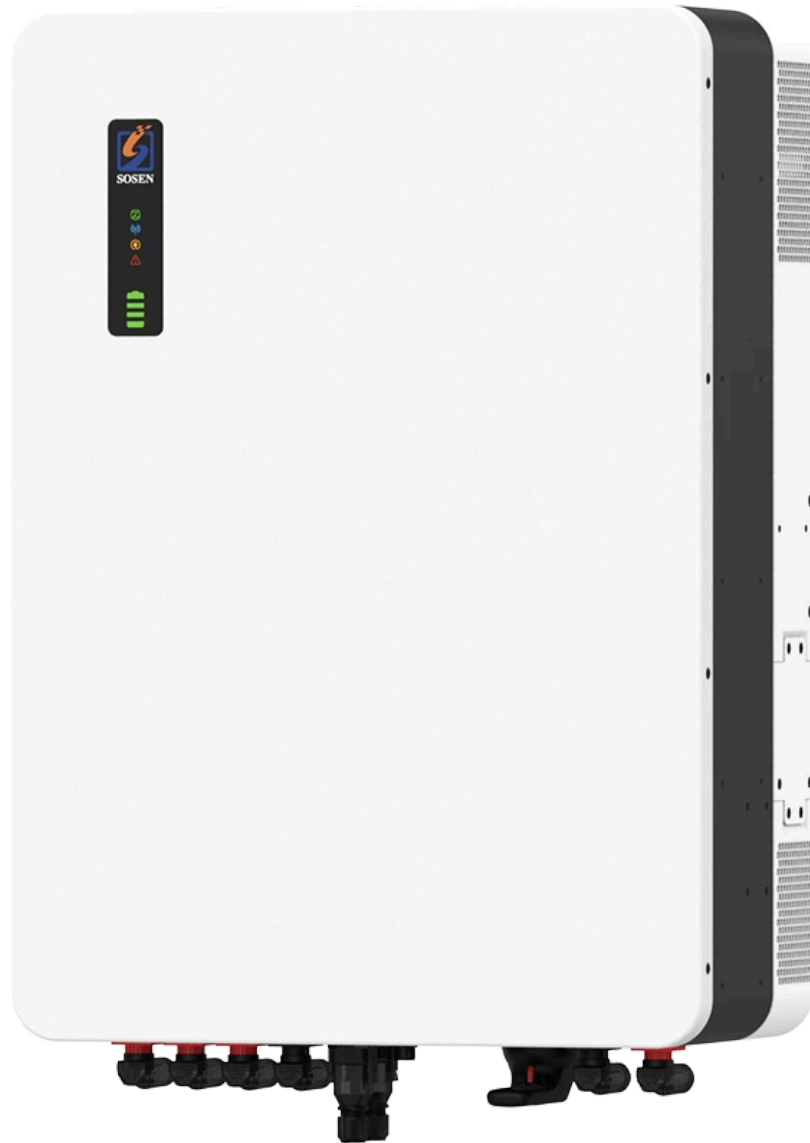
## 100kW~125kW Three-Phase High Voltage Power Conversion System(PCS)

The SSE-HH100K~125K-P3EU three-phase high voltage Power Conversion System(PCS) is the ideal solution for large commercial and industrial energy storage projects. Designed for professional applications, this inverter offers superior performance, reliability, and a suite of advanced safety features.

- **Advanced Safety with Multi-Level Protection:** High-voltage DC relays and fuses ensure superior safety and protection.
- **Extended Lifespan:** High-voltage capacitors ensure stability and durability.
- **Broad Grid Compatibility:** Works with 580V~1000V d.c, three-phase systems.
- **Flexible & Compliant:** Configurable relay meets international standards.
- **Reliable Grid Disconnect:** Dual AC relays ensure safe disconnection.
- **Scalable & Quick Install:** Modular design for easy expansion and setup.
- **Smart Management:** Integrates with diverse energy sources.

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Reliability, Safety, Flexibility, Capacity

### SSE-HH100K~125K-P3EU

100~125kW | Three Phase | High Voltage | IP66

It prioritizes safety with high voltage DC relays and fuse systems. Versatile installation options and advanced capacitor technology ensure longevity and flexibility. Compliant with international standards and featuring rapid AC leakage detection. It seamlessly transitions between modes and supports off-grid functionality and unbalanced loads, making it essential for energy storage solutions.

### Enhanced Accessibility & Versatility

Effortlessly access via WiFi and web. Offers diverse modes for varied applications. Features a range of interfaces and a fanless design for safety and durability.



### Protect Your Power Supply

Built-in black start functionality, ensures safe and high-efficiency backup power for your site



### Commercial & Industrial

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



### Smart Management System

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

## Application Scenario





Car Charging Station

## Related Parameters

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)	380 / 400 V a.c., 3W+N+PE	
Frequency (Nominal or Range)	50 Hz / 60 Hz	
Power Factor Range	1.0 leading ~ 1.0 lagging	

AC Output Rated Current	144A a.c.	181A a.c.
Max. Output Current	159A a.c.	200A 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 ~ 1000V 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	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	II(AC), II(DC)	
Inverter Topology	Non-isolated	
Dimensions (W*H*D)	850*520*280 mm	
Machine Weight / N.W.	85 kg	
Machine Weight / N.W.	85 kg	
DISPLAY AND COMMUNICATION		
Communication Interface	RS485 / CAN / Ethernet (Optional)	

## Order Now

We'd love to hear from you! Please leave your contact details and purchase requirements, and we'll get back to you promptly.

Name

\* Business Email

