

120~250kW Static Transfer Switch



+ Advantages

- 🕒 Support imbalance load in off-grid mode
- 🔧 Standard modular design
- ⚡ Switching time <10ms
- 🧠 Intelligent operation

Specifications	STS-120KS	STS-200KS	STS-250KS
Electric parameters			
Rated grid power	120kW	200kW	250kW
Rated grid current	182A	304A	380A
PCS power	60kW	100kW	125kW
Load power	60kW	100kW	125kW
Rated grid voltage	380V/400V		
Grid voltage range	±15%		
Rated grid frequency	50Hz		
Grid frequency range	±5Hz		
Overload capacity	110%		
Switch time	<10ms		
Wiring method	3P+N+PE		
Max. efficiency	99.5%		
System parameters			
Topology	non-isolated		
IP level	IP20		
Working temperature	-25~60°C (derating required above 45 °C)		
Storage temperature	-40~70°C		
Relative humidity	0~95%, no condensation		
Max. working altitude	4000m (derating required above 3000m)		
Cooling method	Intelligent air cooling		
Noise (Average)	<70dB		
HMI	LED		
Communication mode	RS485/CAN/EtherNet/DIO		
Installation	Rack-mounted		
Dimensions (W * H * D)	444mm*175mm*550mm		