

Static Transfer Switch

STS-200KS/250KS/750KS/1000KS

Features

-  Support TN/TT/IT grid system
-  Standard modular design
-  Switching time<10ms
-  Intelligent switch



	STS-250KS	STS-750KS	STS-1000KS
Electrical specifications			
Power on the rated grid side	250kW	750kW	1000kW
Current on the rated grid side	380A	1140A	1520A
Power on the PCS&Load	250kW	750kW	1000kW
Rated grid voltage	380V/400V		
Grid voltage range	±15%		
Rated grid frequency	50Hz/60Hz		
Grid frequency range	±5Hz		
Over load capability	110%(ambient temperature less than 40℃)		
On-grid to off-grid time	≤10ms		
Wiring mode	3P+PE		
Maximum efficiency	99.5%		
System parameters			
Topology	Non-isolated		
IP rating	IP20		
Operating temperature range	-40℃ to +60℃(>45℃ derated)		
Storage temperature range	-40~70℃		
Relative humidity	0~95%,no condensation		
Maximum operating altitude	4,000m(>3,000m derated)		
Cooling mode	Intelligent air cooling		
Display	LED		
Communication mode	RS485/CAN/EtherNet/DIO		
Installation method	Rack Mount Installation for Modular Systems		
Noise	<75dB @1m	<85dB @1m	<85dB @1m
Weight	27kg	110kg	110kg
Dimensions(W*H*D)	444mm*175mm*550mm	460mm*872mm*700mm	460mm*872mm*700mm
Certificate			
IEC 61439-1、IEC 61439-2			