





STS product



+ Features

-  TN-C-S, support unbalance load on off-grid mode
-  Standard modular design
-  Seamlessly (less than 20ms) enable UPS
-  Intelligent operation, support Rs485, CAN, etc.

Specifications	STS-120KS	STS-240KS	STS-120KM	STS-240KM
Parameters				
Rated grid power	120kW	240kW	120kW	240kW
Rated grid current	182A	365A	182A	365A
PCS power	60kW	120kW	60kW	120kW
Load power	60kW	120kW	60kW	120kW
Rated grid voltage	380V/400V			
Grid voltage range	±15%			
Rated grid frequency	50Hz			
Grid frequency range	±5Hz			
Overload capacity	110%			
Switch interval between on & off grid	<10ms		<20ms	
Wiring method	3P+N+PE			
Max. efficiency	99.5%			
System parameters				
Topology	non-isolated			
IP level	IP 20			
Working temperature	-25~60°C (derating required above 45 °C)			
Storage temperature	-40~70°C			
Relative humidity	0~95%, no condensation			
Maximum working altitude	4000m (derating required above 3000m)			
Cooling method	Intelligent air cooling			
Noise (Average)	<70dB			
HMI	LED			
Communication mode	RS485/CAN/EtherNet/DIO		RS485/CAN/DIO	
Installation	Rack-mounted			
Dimensions (W*H*D)	444mm*175mm*550mm		444mm*130mm*550mm	