

## Performance function

- Perfect protection function

Input under-voltage protection, input surge output overload protection, short circuit protection, temperature protection and so on the many kinds of system protection and alarm function.

- protection function

- high and low voltage protection

when the input ac low pressure, overpressure, the device will automatically all the way to the other power supply.

- overload protection (option)

when load is more than 150% of the equipment load, device will automatically shut off the output and alarm, automatic open again after 10 seconds.

- detection of wisdom

when any moment, a power grid (including manual switching) all the way, device will automatically switch to another, all the way from artificial power switch or danger.

- cardiac intelligent alarm function

1. when mains power equipment will automatically start alarm, automatic censored after 90 seconds.

2. when mains over run, the equipment will be automatic alarm, automatic censored after 90 seconds.

- left hand switch function

1. when a road mains electricity or overrun, device will automatically lock manual and automatic switching.

2. two way power supply is normal, can the load to the other power supply all the way.

3. Cardiac automatic time switch function (option) : single power supply, can be set automatically switch to another power supply, ensure the aging degree of two way power supply.

## STS series main technology parameters

Model	Single Phase			Three Phase		
	BKS-1125	BKS-1150	BKS-11100	BKS-3325	BKS-3350	BKS-33100
Output Current	25A	50A	100A	25A	50A	100A
Input Voltage	220±25%, can set up by panels			380±25%, can set up by panels		
Input Frequency	50Hz±10%, can set up by panels					
Transfer time	<5ms					
Transfer request	Synchronous/asynchronous					
Overload ability	100~110% working all time, 110~ 150%, 1mins,>151% at once					
Efficiency	>98%					
Environment Temperature	-10~40°C					
Relative humidity	0~90% no condensing					
Communication port	RS485					