



## ONLINE LOW FREQUENCY UPS (3 IN/3 OUT)

### Features:

- ★ High intelligent product integrating digitization & network.
- ★ Powerful information acquisition system, signal system, detection system & perfect protection system.
- ★ Online dual conversion with inbuilt isolation transformer.
- ★ Computer or network remote control troubleshoot with inbuilt dry-contact signal, remote control signal.
- ★ N+X redundant control tech eliminates the single point failure in system

### Application:

- ★ Critical servers
- ★ Network station
- ★ Process control
- ★ Laboratory instruments
- ★ Data center front maintenance design
- ★ Medical instruments
- ★ Industrial equipment

### Technical Parameter:

Model	GE SS10S	GE SS15S	GE SS20S	GE SS30S	GE SS40S	GE SS60S	GE SS80S	GE SS100S	GE SS120S	GE SS160S	GE SS200S
Capacity	10KVA /8KW	15KVA /12KW	20KVA /16KW	30KVA /24KW	40KVA /32KW	60KVA /48KW	80KVA /64KW	100KVA /80KW	120KVA /96KW	160KVA /128KW	200KVA /160KW
Phase	3-phase in / 3-phase out										
Input Rated Voltage	3 x 380VAC/400VAC										
Input Voltage Range	285VAC ~ 475VAC										
Input Frequency	50/60Hz ± 10%										
Output voltage	3 x 380VAC/400VAC										
Output Phase	Single-Phase(1Ph+N+G)										
Output Wave	Pure Sine Wave										
Output Steady Voltage	± 1%										
Output Dynamic voltage	± 5%										
Output frequency	50Hz/60HZ ± 1%										
Output frequency accuracy	± 1%										
Output frequency tracking range	± 5Hz										
Output frequency tracking speed	1~2 Hz/s										
Output power factor	0.8										
Output crest factor	3:1										
Output voltage distortion	linear load <2% , non-linear load <5%										
Output transient recovery time	<60ms recover to 90%										
Output transfer time	0 ms										
Output overload protection	110%~150%, 10min to 1min ; 150%~160%, 1min to 200ms ; >160%,200ms										
Output short circuit protection	60~100ms										
Output transient response	< 5ms										
Protection	overload, over charge and over discharge, out of the range of voltage and frequency, over current, short circuit, over temperature, ect.										
System specification efficiency(AC mode)	89%	90%	91%	92%							
System specification efficiency(Battery mode)	90%	91%	92%	93%							
Bypass type	Static switch										
Bypass Voltage	3 x 380VAC/400VAC										
Bypass frequency	50/60 Hz										
Bypass control method	microprocessor										
Inversion to bypass transfer time	0ms(synchronous mode); 10ms (Asynchronous mode)										
Bypass overload protection	1.5 ~1.8, between 1h to 30s										
Bypass short circuit protection	1.8 ~ >2.0, between 30s to 200ms										
transfer to bypass	overload 160%										
transfer to inversion	alarm clear										
Battery quantity	29/30/31/32										
Battery charging mode	Constant voltage charging / Constant current charging										
Battery charging current	10A			40A							
Battery type	Lead-acid battery / Nickel-chromium battery										
Operating temperature	-15~ 60°C										
Operating humidity	0~90%										
Noise	< 70dB @ 1 Meter										
Dimension	655*405*817			655*405*941	821*432*1159		975*554*1286			1051*705*1646	
Weight	118	120	133	193	256	297	400	472	573	717	735

Note: It is to be noted that all these parameters are subject to change without noticed.