



Low frequency online UPS 3:3 400V ST10-80K



- ✦ True sine wave
- ✦ Wide input range
- ✦ IGBT technology design
- ✦ Double conversion online (VFI)
- ✦ Unity input power factor
- ✦ Microprocessor control
- ✦ Zero transfer when AC failure
- ✦ RS232 interface and inbuilt SNMP slot
- ✦ High efficiency design to save electricity
- ✦ Low heat dissipation in long time operation
- ✦ Extended backup time with external battery
- ✦ Designed to operate under harsh environment, N+X Parallel(Max 8pcs)

MODEL	ST-10KVA	ST-15KVA	ST-20KVA	ST-30KVA	ST-40KVA	ST-60KVA	ST-80KVA
RATED CAPACITY	10KVA/8KW	15KVA/12KW	20KVA/16KW	30KVA/24KW	40KVA/32KW	60KVA/48KW	80KVA/64KW
Input voltage	400V AC 3P+N (380-400-415V AC Optional)						
Voltage Tolerance	400V ± 20%						
Current Tolerance	< 5%						
Input Frequency	50Hz ± 10%						
Frequency Tolerance	± 2%						
Input Power factor	> 0.92						
Output voltage	380-400-415V AC Optional 3+N						
Static stability	± 1%						
Dynamic stability	± 5% within 10ms						
Voltage distortion	Linear load <1%, Un-Linear load <3%						
Output Frequency	50Hz or 60Hz optional ± 0.5%						
Output power factor	0.8						
Output wave form	True sine wave						
Overload capacity	>110% 5hours. >125% 10min. >150% 1min.						
Load crest ratio	3 : 1 max						
Battery type	Maintenance free sealed lead acid						
Battery voltage	384V DC						
Current exchange	< 1%						
Long-distance signal	Dry connected						
Long-distance order	EPO, Bypass						
Communication	Double RS232 Interface + Long-distance connection + 2 TEL/FAX slot						
Efficiency	>94%						
Dimension	1200 x 555 x 720 mm					1400 x 800 x 740 mm	
UPS Weight	210Kg	220Kg	230Kg	282Kg	330Kg	450Kg	555Kg
Noise	54DBA, < 1m		60DBA, < 1m			62DBA, < 1m	
Temperature	0~40°C						
Humidity	0~95% non-condensing						
Altitude	<1500m						
Storage	- 25~55°C						
IP Class	IP20						
STANDARD	EN62040-1 EMC EN62040-2 A, 73/23-93/68-89/336 EC EN 62040-3						