

# Three-input Three-output high Frequency UPS10KVA-200KVA



## FUNCTIONS

- Realize online double conversion
- DSP technology ensures high efficiency
- Output power factor up to 0.8
- 50Hz/60Hz frequency conversion mode
- Emergency Power Off(EPO)compatible with generators
- N+X parallel redundancy application (up to 3 units in parallel)
- Optional isolation transformer to ensure stable power output of the system

## APPLICATIONS FIELDS

Widely used in network management centers and computers, banks, securities, taxation, communications, postal services, radio and television, public security, transportation, electric power, medical, industrial control, national defense and other important data fields.

Model		3C3 10K(S)	3C3 20K(S)	3C3 30K(S)	3C3 40K(S)	3C3 60K(S)	3C3 80K(S)	3C3 100-200K(S)
Phase		Three-input Three-output						
Capacity		10KVA 8KW	20KVA 16KW	30KVA 24KW	40KVA 32KW	60KVA 48KW	80KVA 64KW	120-200KVA 96-160KW
Input								
Input voltage		3×400VAC (3-phase + N)						
Voltage range		190-520VAC (3-phase + N) @ 50% load 305-520VAC (3-phase) @ 100% load						
Input frequency		46Hz~54Hz/56Hz~64Hz						
Power factor		≥0.99@100% load						
Output								
Output voltage		3×360/380/400/415VAC(3-phase + N)						
AC voltage regulation		±1%						
Frequency (synchronous range)		46Hz~54Hz/56Hz~64Hz						
Frequency range (battery mode)		50Hz±0.1Hz/60Hz±0.1Hz						
current crest rating		3:1 (Max)						
Waveform balance		≤2%THD (Linear Load) ≤5%THD (Non-linear Load)						
Transfer time		0ms						
Output waveform		Pure Sine Wave						
Overload	Utility mode	100-110%@10Min, 110-130%@1Min, >130%@1S						
	Battery mode	100-110%@30S, 110-130%@10S, >130%@1S						
Parallel capacity		parallel up to 3 units						
Efficiencies								
Mains mode		93%				95%		
ECO mode		96%				98%		
Battery mode		90%	91%	91%	93%			
Battery								
Standard UPS	Battery model	12V/7AH						
	Number quantity	16						
	Charging time	9 hours to 90% full capacity						
	Maximum charging current	1A	2A	4A	2A	N/A		
Charging voltage		273VDC±1%				218VDC±1%		
External battery UPS	Battery model	Depends on the applicant						
	Number of batteries	16-20						
	Maximum charging current	4A	4A	12A	4A	8A	8A	12-16A
	Charging voltage	273VDC±1%				13.65V×N (N=16~20)		
Display instructions								
LCD	Load size, battery capacity, mains mode, battery mode, bypass mode, fault indication							
Physical performance								
Standard UPS	Size (MM)	815*250*826			815*300*1000		N/A	
	Weight (KG)	109	164	233.5	250			
External battery UPS	Size (MM)	592*250*826		815*250*826	815*300*1000	790*360*900		-
	Weight (KG)	38	40	64	82	95	150	-
Usage environment								
Humidity		0-95%RH@0-40℃ (No condensation)						
Noise		< 60 dBA @ 1M						
Control management								
Smart RS-232/USB		Be in favor of Supports Windows®2000/2003/XP/Vista/2008, Windows®7/8, Linux, MAC						
SNMP		Power management supports SNMP management and network management						
Optional SNMP								

Products specifications are subject to change without further notice