

# Three-input three-output Low Frequency UPS10KVA-800KVA



## FUNCTIONS

- Digital control Online double conversion
- Built-in output isolation transformer
- Industrial-grade design for harsh conditions
- Front maintenance design
- Adaptation to various load conditions
- Up to 4 units can be operated in parallel
- Abundant communication interfaces

## 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	3C33 10KS	3C33 20KS	3C33 30KS	3C33 40KS	3C33 60KS	3C33 80KS	3C33 100-800KS
Phase	Three-input three-output						
Capacity	10KVA 8KW	20KVA 16KW	30KVA 24KW	40KVA 32KW	60KVA 48KW	80KVA 64KW	100-800KVA 80-640KW
Input							
Input Voltage	3×380VAC/400VAC/415VAC (3-phase + N or 3-phase + N line + PE (Earth) line)						
Voltage range	304VAC~456VAC						
Input frequency	50Hz±10%						
Output							
Output voltage	3 x 380VAC/400VAC /415VAC(3 phase + N)						
AC voltage regulation	1%						
Factor	0.8						
Output waveform	pure sine wave						
Conversion time	0ms						
Output Frequency	Mains mode : (50/60)±0.01HZ Battery mode: (50/60)±0.01HZ						
Waveform balance	<2% (linear load ); < 5% (non-linear load )						
Dynamic adjustment time	120°±1% (balanced load ); 120°±2% (50% unbalanced load )						
Overload capacity	≤110%@60min , ≤125%@10min , ≤150%@1min , >150@200ms						
Load power factor range	3:1						
Current Limit	Extreme overload, short circuit: voltage effective value limit; Impulse current: peak voltage limit						
Bypass							
Types	Static switch						
Voltage	3 x 380VAC/400VAC/415VAC (3 phase + N)						
Frequency	50/60 Hz						
Control mode	Microprocessor control						
Conversion time	0ms						
Overload capacity	150%~180% @1h~30s; 180%~>200%@30s~200ms						
Switch to bypass	Immediately, overload 160%						
Switching back to inversion	Automatic switching after alarm clearing						
Maintenance bypass							
Types	Uninterrupted						
Voltage	3x 400V (3 phase + N)						
Frequency	50/60 Hz						
Overall efficiency	Online mode	90%	91%	92%	93%		
	Battery mode	90%	91%	93%			
Battery & Charging							
Battery quantity	12VDCx32 (29-32 adjustable )						
Rated voltage	384 VDC (based on 32 adjustable)						
Charging method	CC/CV						
Charging current	Preset 10A, max=capacity/battery voltage			Preset 10A, maximum 40A			
Charging voltage	432 VDC ( based on 32 adjustable )						
Physical property							
Size(mm)	653x405x820		820x433x1160		975*635*1325		-
Package(mm)	785x535x985		960x560x1333		1100*780*1490		-
Net weight (kg)	120	136	242	249	290	419	-
Gross weight(kg)	132	148	257	264	305	445	-

Products specifications are subject to change without further notice