

# CX Series

10 ~ 150kVA  
Frame Mounted UPS



## Introduction

CX 10-150kVA uses frame design, with 10/15/20/25/30kVA modules, suitable for standard 19 inches network cabinet. It adopts online double conversion technology, which can completely eliminate all kinds of grid problems and provide customers with stable and pure sinusoidal power supply protection.

## Scenarios

Standard 19 inches network cabinet of computer room, IDC room, integrated comprehensive cabinet, etc.

## Benefits

- Wide input voltage range adapt to harsh power grid
- DSP technology greatly improve the system reliability
- 7 -inch color touch screen, graphic display, easy to operate
- Intelligent battery management extend battery life

## Features

- Frame mounted design
- Wide input voltage range
- Online double conversion and three level technology
- DSP digital control technology
- Output power factor 1
- N+X redundancy
- Communications: RS485/Dry contact card/SNMP option
- The number of battery cells is 30-50 adjustable

Model	CX33040		CX33150
	CX33080		
	CX3120		
<b>Capacity</b>			
Frame	10-120kVA		25-150kVA
Module	10/15/20kVA		25/30kVA
Max. Module Number	2/4/6		6
<b>Input</b>			
Phase	3 Phase 4 Wires and Ground		
Rated Voltage	380/400/415Vac		
Voltage Range	138 485Vac		
Frequency Range	40Hz-70Hz		
Power Factor	0.99		
Current THDi	<linear load); non-linear load)		
Bypass Voltage Range	Max.voltage: 220V:+25 % ( optional +10%, +15%, +20%); 230V:+20 % ( optional +10%, +15%); 240V:+15 % ( optional +10%); Min. voltage: -45% (optional -20%, -30%) Frequency protection range: ± 10%		
Generator access			
<b>Output</b>			
Phase	3 Phase 4 Wires and Ground		
Rated Voltage	380/400/415Vac		
Power Factor	1		
Voltage Regulation			
Frequency	Utility Mode	± 2%, ± 4%, ± 5%, ± 10% of the rated frequency(optional)	
	Battery Mode	(50/60 ± 0. 1	
Crest Factor			
THD	< 2% with linear load; with non linear load		
Efficiency	95.5%		
Overload	< 110%: to bypass after 60 min, 125%: to bypass after 10 min, 150%: to bypass after 1 min		
<b>Battery</b>			
Voltage	± 180V/ ± 192V/ ± 204V/ ± 216V/ ± 228V/ ± 240/ ± 252/ ± 264/ ± 276/ ± 288/ ± 300Vdc (30/32/34/36/38/40/42/44/46/48/50pcs optional)		
Charging Current	UPS Cabinet	2 layer cabinet:20A Max. 4 layer cabinet:40A Max. 6 layer cabinet:60A Max.	
	UPS Module	5A Max.	IOA Max.
Transfer Time	Utility to Battery : Oms; Utility to bypass: Oms		
<b>Protection</b>			
Alarm	overload, utility abnormal, UPS fault, battery low, etc		
Protection	short circuit, overload, over temperature, battery low, fan fault alarm		
Communication Interface	USB, CAN, RS485, FE, Parallel card, Dry contact card, SNMP card(optional), LBS(optional ),temperature sensor (optional)		
<b>Environment</b>			
Operating Temperature	00 400		
Storage Temperature	-250 550 (no battery)		
Humidity	0 95% (non condensing)		
Altitude	< 1500m		
Noise level	<70dB		
<b>Other</b>			
Dimensions (D*W*H) mm	Frame	2 layer: 750*485*650/ 4layer: 750*485*827/ 6 layer: 850*485*1005	
	Module	620x440x86	
Net Weight (kg)	Frame	63/75/87	
	Module	10/15/20K:19 25/30K:21.6	
Standards	EN62040-1, EN62040-2, EN62040-3		