

XR+ Nuova Series

High Frequency Online UPS

250 kVA - 800kVA

3-phasein/3-phaseout

(380V/400V/415V)

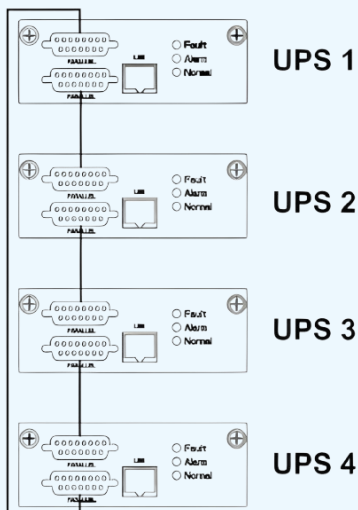
Product

XR+ 250~800 kVA 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. It has the advantages with high efficiency and high power density, and adopts full digital control to ensure excellent output quality under any working conditions. It can provide reliable power supply for the key loads of medium and large data centers, etc.

Application

Large-sized data centers, IT machine rooms, financial institutions, traffic dispatch centers, security monitoring, etc.

Parallel Connection



Features

1. Online double conversion and three level technology
2. DSP digital control technology
3. Wide input voltage range adapt to harsh power grid
4. Output power factor 0.9
5. Cold start (battery start up)
6. ECO mode operation
7. Intelligent battery management
8. N+X redundancy
9. Communications: RS485/Relay card/USB/SNMP option
10. Optional emergency power off (EPO) function
11. The number of battery cells is 30-50 adjustable
12. 3.7-inch color touch screen, graphic display, easy to operate
13. Intelligent battery management extend battery life

Model		XR+33250	XR+33300	XR+33400	XR+33500	XR+33600	XR+33800	
Capacity		250kVA	300kVA	400kVA	500kVA	600kVA	800kVA	
Input	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	≤3%(100% 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 -10%, -20%,-30%)						
		Frequency protection range: ±10%						
Generator access	Yes							
Output	Phase	3 Phase 4 Wires and Ground						
	Rated Voltage	380/400/415Vac						
	Power Factor	0.9						
	Voltage Regulation	±1%						
	Frequency	Utility Mode	±1%/±2%/±4%/±5%/±10% of the rated frequency(optional)					
		Battery Mode	(50/60±0.1%)Hz					
	Crest Factor	3:1						
	THD	≤2% with linear load, ≤4% with non linear load						
	Efficiency	95%						
	Overload	≤ 110%, to bypass after 60min; ≤ 125%, to bypass after 10min; ≤ 150%, to bypass after 1min						
Battery	Voltage	±180V/192V/±204V/±216V/±228V/±240/±252/±264/±276/±288/±300Vdc (30/32/34/36/38/40/42/44/46/48/50pcs optional)						
Transfer Time		Utility to Battery : 0ms; Utility to bypass: 0ms						
Protection	Alarm	overload, utility abnormal, UPS fault, battery low, etc						
	Protection	short circuit, overload, over temperature, battery low, fan fault alarm						
Communication Interface		CAN, RS485, FE, LBS, Parallel card, Relay card, SNMP card (optional), temperature sensor (optional)						
Environment	Operating Temperature	0°C~40°C						
	Storage Temperature	-25°C~55°C						
	Humidity	0~95% non-condensing						
	Altitude	< 1500m						
	Noise level	<65dB						
Physical	Dimensions D*W*H(mm)	850*600*2000			850*1200*2000		850*2400*2000	
	Net Weight (kg)	400	400	638	740	843	1420	
Standards		EN62040-1, EN62040-2, EN62040-3						

All specifications are subject to change without prior notice.