

XR+ Nuova Series

High Frequency Online UPS

10-200kVA

3-phase in/3-phase out

(380V/400V/415V)

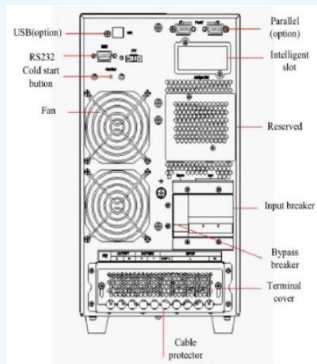
Product

XR+ series 10-200kVA UPS 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. Advanced design makes these products have unparalleled reliability and high performance. The high input power factor and low input current harmonics ensure the UPS green and environment protection, and high efficiency ensures the energy saving.

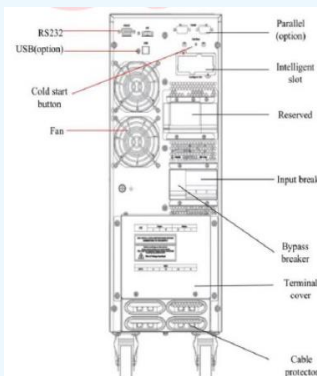
Application

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

Rear panel



10-40kVA UPS with battery space



10-40kVA UPS without battery space

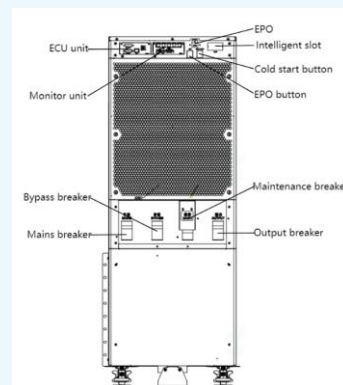


Type Approved



Features

- Wide input voltage range
- Online double conversion technology
- DSP digital control technology
- Intelligent battery management extends battery life
- High efficiency, more than 95%
- 4.3-inch color touchscreen, friendly man-machine interface, easy to operate
- Parallel up to 8 units



100 kVA UPS back view

Model	XR+33010S	XR+33015S	XR+33020S	XR+33030S	XR+33040S
	XR+33010L	XR+33015L	XR+33020L	XR+33030L	XR+33040L
Capacity	10kVA	15kVA	20kVA	30kVA	40kVA
Input					
Phase	3 Phase+Neutral+Ground				
Rated Voltage	380/400/415Vac				
Voltage Range	208-478Vac				
Frequency Range	40-70Hz				
Power Factor	≥0.99				
THDi	≤3% (100% linear load)				
Bypass					
Voltage Range	Upper limit: 380V+25% (+10%, +15%, +20%, settable); 400V+20% (+10%, +15%, settable); 415V+15% (+10%, settable); Lower limit: -45% (-10%, -20%, -30%, settable)				
Frequency Range	50/60Hz±10%				
Output					
Phase	3 Phase+Neutral+Ground				
Rated Voltage	380/400/415Vac				
Power Factor	1				
Voltage Regulation	±1%				
Output Frequency	Normal Mode: ±1%/±2%/±4%/±5%/±10%, settable; Battery Mode: 50/60Hz±0.1%				
Crest Factor	3:1				
THDu	≤2% (linear load); ≤4% (non-linear load)				
Overload	> 150%, transfer to bypass				
Battery					
Rated Voltage	Default ±240VDC (±180Vdc-±300Vdc optional)				
Quantity Standard unit	Max 40pcs 12V/7Ah or 9Ah				
Quantity Long time unit	30-50pcs optional, external				
Charging Current Standard unit	1A				
Charging Current Long time unit	1-5A, settable			1-10A, settable	
System					
Efficiency	≥95%				
Display	4.3-inch color touch screen				
IP Class	IP20				
Interface	RS485, USB, CAN, LBS, Parallel card (optional), Relay card (optional), SNMP card (optional)				
Temperature	Operation: 0-40°C; Storage: -25-55°C				
Humidity	0-95% (non-condensing)				
Altitude	< 1500m, within 1500-4000m, power derates 1% every 100m rise				
Noise	< 58dB				
Applicable Standard	Safety: IEC/EN 62040-1; EMC: IEC/EN 62040-2; Performance: IEC/EN 62040-3				
Physical					
Weight Standard unit (kgs)	39.5	39.5	39.5	41	46
Weight Long time unit (kgs)	33.5	33.5	33.5	35	40
Dimension S W*D*H (mm)	280*790*720				
Dimension L W*D*H (mm)	250*720*535				

Model	XR+33060L	XR+33080L	XR+33100L	XR+33150L	XR+33200L
Capacity	60kVA	80kVA	100kVA	150kVA	200kVA
Input					
Phase	3 Phase+Neutral+Ground				
Rated Voltage	380/400/415Vac				
Voltage Range	208-478Vac				
Frequency Range	40-70Hz				
Power Factor	≥0.99				
THDi	≤3% (100% linear load)				
Bypass					
Voltage Range	Upper limit: 380V+25% (+10%, +15%, +20%, settable); 400V+20% (+10%, +15%, settable); 415V+15% (+10%, settable); Lower limit: -45% (-10%, -20%, -30%, settable)				
Frequency Range	50/60Hz±10%				
Output					
Phase	3 Phase+Neutral+Ground				
Rated Voltage	380/400/415Vac				
Power Factor	1				
Voltage Regulation	±1%				
Output Frequency	Normal Mode: ±1%/±2%/±4%/±5%/±10%, settable; Battery Mode: 50/60Hz±0.1%				
Crest Factor	3:1				
THDu	≤2% with linear load; ≤4% with non-linear load				
Overload	> 150%, transfer to bypass				
Battery					
Rated Voltage	Default ±240VDC (±180Vdc-±300Vdc optional)				
Charging Current	1-15A	1-20A	1-30A	1-45A	1-60A
System					
Efficiency	≥95%				
Display	4.3-inch color touch screen				7-inch color touch screen
IP Class	IP20				
Interface	RS485, USB, CAN, LBS(optional), Parallel card(optional), Relay card(optional), SNMP card (optional)				
Temperature	Operation: 0-40°C; Storage: -25-55°C				
Humidity	0-95% (non-condensing)				
Altitude	< 1500m, within 1500-4000m, power derates 1% every 100m rise				
Noise	< 65dB				
Applicable Standard	Safety: IEC/EN 62040-1; EMC: IEC/EN 62040-2; Performance: IEC/EN 62040-3				
Physical					
Weight	70.5	153	160	196	310
Dimension W*D*H(mm)	250*868*862		440*885*1200		600*850*1550

All specifications are subject to change without prior notice.



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