

XR Nuova Series

High Frequency Online UPS
10-80kVA

3-phase in/3-phase out
(380V/400V/415V)



Product

XR series 10-80kVA 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.

Features

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

Model	XR 3010S	XR 3015S	XR 3020S	XR 3030S
Capacity	10kVA	15kVA	20kVA	30kVA
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	0.9			
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	110% load for 60 mins; 125% load for 10 mins; 150% load for 1 minute; > 150%, transfer to bypass			
Battery				
Rated Voltage	±240V			
Quantity	7Ah*40pcs	9Ah*40pcs	9Ah*40pcs	9Ah*40pcs*2 strings
Charging Current	1A		2A	
System				
Efficiency	94.5%			
Display	5-inch color touchscreen			
IP Class	IP20			
Interface	USB, CAN, RS485, FE, LBS, Parallel card, Relay card, 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 (1meter)	< 58dB			
Applicable Standard	Safety: IEC/EN 62040-1; EMC: IEC/EN 62040-2; Performance: IEC/EN 62040-3			
Physical				
Weight	150	160	165	270
Dimension D*W*H(mm)	250*690*705			350*690*875

Model	XR 3010L	XR 3015L	XR 3020L	XR 3030L	XR 3040L	XR 3060L	XR 3080L
Capacity	10kVA	15kVA	20kVA	30kVA	40kVA	60kVA	80kVA
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	110% load for 60 mins; 125% load for 10 mins; 150% load for 1 minute; > 150%, transfer to bypass TM						
Battery							
Rated Voltage	±192V/±204V/±216V/±228V/±240V (32/34/36/38/40 pcs), settable						
Charging Current	Max. 10A, settable					Max. 20A, settable	
System							
Efficiency	94.5%						
Display	5-inch color touchscreen						
IP Class	IP20						
Interface	USB, CAN, RS485, FE, LBS, Parallel card, Relay card, 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 (1meter)	< 58dB						
Applicable Standard	Safety: IEC/EN 62040-1; EMC: IEC/EN 62040-2; Performance: IEC/EN 62040-3						
Physical							
Weight	45	45	45.5	45.8	46	82.5	63
Dimension W*D*H(mm)	250*690*530					300*830*960	

All specifications are subject to change without prior notice.