**XR Nuova Series**

High Frequency Online UPS
10-200kVA
3-phase in/3-phase out
(380V/400V/415V)

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**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.

**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

**Application**

Small and medium-sized data centers, IT machine rooms, financial institutions, traffic dispatch centers, security monitoring, etc.
<table>
<thead>
<tr>
<th>Model</th>
<th>XR33010S</th>
<th>XR33015S</th>
<th>XR33020S</th>
<th>XR33030S</th>
<th>XR33040S</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>XR33010L</td>
<td>XR33015L</td>
<td>XR33020L</td>
<td>XR33030L</td>
<td>XR33040L</td>
</tr>
<tr>
<td>Capacity</td>
<td>10kVA</td>
<td>15kVA</td>
<td>20kVA</td>
<td>30kVA</td>
<td>40kVA</td>
</tr>
</tbody>
</table>

**Input**
- Phase: 3 Phase+Neutral+GroXRd
- Rated Voltage: 380/400/415 Vac
- Voltage Range: 208-478 Vac
- Frequency: 40-70 Hz
- 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: 50/60 Hz ±10%

**Output**
- Phase: 3 Phase+Neutral+GroXRd
- Rated Voltage: 380/400/415 Vac
- Power Factor: 1
- Voltage Regulation: ±1%
- Output Frequency: Normal Mode: ±1%/±2%/±4%/±5%/±10%, settable; Battery Mode: 50/60 Hz ±0.1%
- Crest Factor: 3:1
- THDu: ≤2% (linear load); ≤4% (non-linear load)
- Overload: 110% for 60 mins; 125% for 10 mins; 150% for 1 min; >150%, transfer to bypass

**Battery**
- Rated Voltage: ±240V DC
- Quantity: 12V/9Ah *40 pcs
- External Charging Current: 1A - 15A, settable

**System**
- Efficiency: 96%
- Display: 4.3-inch color touching screen
- IP Class: IP20
- Interface: USB, CAN, RS485, 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: <1500 m, within 1500-4000 m, power derates 1% every 100 m rise
- Noise: <58dB

**Physical**
- Weight: 147 Lb, 148 Lb, 156 Lb, 158 Lb, 165 Lb
- Dimension: 281*791*717 mm
<table>
<thead>
<tr>
<th>Model</th>
<th>XR33060L</th>
<th>XR33080L</th>
<th>XR33100L</th>
<th>XR33150L</th>
<th>XR33200L</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>60kVA</td>
<td>80kVA</td>
<td>100kVA</td>
<td>150kVA</td>
<td>200kVA</td>
</tr>
</tbody>
</table>

**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%, +20%, +25%, settable); 415V+15% (+10%, +15%, +20%, +25%, settable);
  Lower limit: -45% (-10%, -20%, -30%, settable)
- **Frequency Range**: 50/60Hz±1%

**Output**
- **Phase**: 3 Phase+Neutral+Ground
- **Rated Voltage**: 380/400/415Vac
- **Voltage Regulation**: ±1%
- **Output Frequency**: Normal Mode: ±1%/±2%/±4%/±5%/±10%, settable; Battery Mode: 50/60Hz±0.1%
- **Crest Factor**: 3:1
- **THDv**: ≤2% with linear load; ≤4% with non-linear load
- **Overload**: 110% for 60 mins; 125% for 10 mins; 150% for 1 min; >150%, transfer to bypass

**Battery**
- **Rated Voltage**: ±240VDC
- **Charging Current**: 1-15A, 1-30A, 1-45A, 1-60A

**System**
- **Efficiency**: 96%
- **Display**: 7-inch color touching screen
- **IP Class**: IP20
- **Interface**: USB, CAN, RS485, 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**: <62dB
- **Applicable Standard**: Safety: IEC/EN 62040-1; EMC: IEC/EN 62040-2; Performance: IEC/EN 62040-3

**Physical**
- **Weight**: 80  200  205  290  340
- **Dimension**: 330*913*974  600*900*1150  600*900*1150  600*900*1550  600*900*1550

All specifications are subject to change without prior notice.