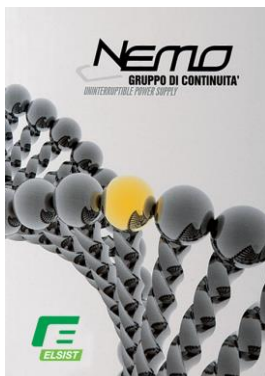
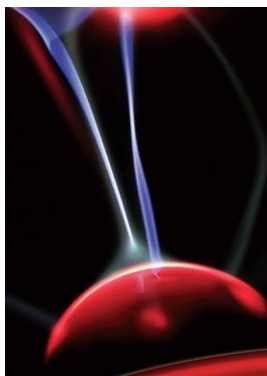


UPS Server 2.0

On Line Double Conversion **2KVA**



Uninterruptible Power System

| Model | Power |
|--------------|----------------|
| UPServer 2.0 | 2000VA / 1350W |

Input

| Model | Voltage | Selectable input voltage | Voltage range at 100% load |
|-----------------------------|--|--------------------------|----------------------------|
| UPserver 2.0 | 230V | 200/208/220/230/240 | 160 - 290 Vac |
| Nominal Frequency | 50/60 Hz auto-sensing | | |
| Frequency Range | 45–55 Hz(50Hz)/55-65Hz(60Hz) before switching to battery | | |
| Voltage Bypass range | +5%,+10%,+15%,+25% (+25% default) -20%,-30%,-45% (-45% default) | | |

| Model | Connection type | Cable |
|--------------|-----------------|----------------|
| UPserver 2.0 | IEC320 C13-10A | IEC320 C14-10A |

Output

| | |
|------------------------------------|--|
| Nominal Value | 200/208/220/230/240V |
| | (Configurable or auto-sensing) |
| | 2000 VA / 1350 W |
| Frequency | 50 or 60 Hz, auto-sensing |
| Overload (Normal operation) | 108%±5%–150%±5%: Load transfers to Fault mode after 30 seconds |
| | 150%±5%–200%±5%: Load transfers to Fault mode after 300 ms |
| | >200%±5%: Load transfers to Fault mode after 20 ms |
| Overload (Bypass mode) | 100%±5%–130%±5%: Load transfers to Fault mode after 20 minutes |
| | 130%±5%–150%±5%: Load transfers to Fault mode after 2 minutes |
| | 150%±5%–200%±5%: Load transfers to Fault mode after 15 seconds |
| | >200%±5%: Load transfers to Fault mode after 140 ms |
| Overload (Battery mode) | 108%±5%–150%±5%: Load transfers to Fault mode after 30 seconds |
| | 150%±5%–200%±5%: Load transfers to Fault mode after 300 ms |
| | >200%±5%: Load transfers to Fault mode after 300 ms |
| Voltage Waveform | Sine wave |
| Harmonic Distortion | <3% THD on linear load; <5% THD on non-linear load |
| Transfer time | Online mode: 0 ms |
| | ECO mode : 10ms maximum (due to loss of utility) |

| | |
|--------------------------|-------|
| Load Crest Factor | 3 a 1 |
|--------------------------|-------|

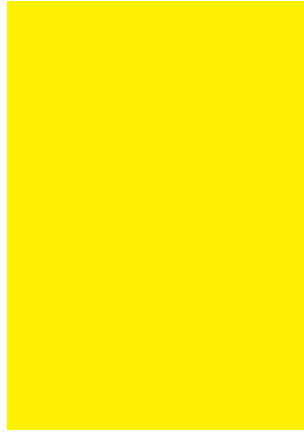
| Model | Output connections | Cable |
|--------------|----------------------------|----------------|
| UPserver 2.0 | (IEC C13-10A)*2 + 1 Shucko | IEC320 C14-10A |

Environmental and Safety

| | |
|------------------------------|---|
| Surge Suppression | EN 61000-2-2 |
| | EN 61000-4-2, Level 4 |
| | EN 61000-4-3, Level 3 |
| | EN 61000-4-4, Level 4 |
| | EN 6100-4-5, Level 4 Criteria A |
| EMC certifications | CE for IEC/EN 62040-2, Class B |
| | |
| EMC (Emission) | IEC 62040-2:ed2:2005 / EN 62040-2:2006 |
| Safety | IEC 62040-1-1, IEC 60950-1, IEC 62040-3 |
| Marking | CE, CB |
| Operating temperature | 0°C to 40°C (32°F to 104°F) variable according to altitude |
| | NOTE: Thermal protection switches load to Bypass in case of overheating |
| Humidity | 0–90% non-condensing |
| Operataing altitude | Up to 3,000 meters above sea level |
| Audible Noise | <55 dBA a 1 m typical |
| Leakage current | <1.5 mA |
| Optional boards | SNMP or Relay dry contact |
| Communication Port | RS232 (DB-9): 2400 bps |
| | USB |

Weight and dimensions

| Model | Dimensions (W*D*H) | Weight |
|--------------|---------------------------|---------------|
| UPserver 2.0 | 440*430*86.5 mm | 15.7 kg |



 **NaiconGroup**

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