| MODELS | NXE 500 | NXE 600 | NXE 800 2SW | NXE 800 |
|---|---|---|---|---|
| **INPUT** | | | | |
| Rated voltage [V] | 380 / 400 / 415 three-phase | | | |
| Voltage tolerance [V] | 400 ±20% @ full load[1] | | | |
| Frequency tolerance [Hz] | 40 - 70 | | | |
| Power factor | 0.99 | | | |
| THDI | <3% | | | |
| Soft Start | 0 - 100% in 120 s (selectable) | | | |
| Standard equipment provided | Backfeed protection, separate bypass line | | | |
| **BATTERIES** | | | | |
| Type | VRLA AGM / GEL, NiCd, Supercaps, Li-ion | | | |
| Ripple current | Zero | | | |
| Recharge voltage compensation | -0.11% x V x °C | | | |
| **OUTPUT** | | | | |
| Nominal Power [kVA] | 500 | 600 | 800 | 800 |
| Active Power [kW] | 500 | 600 | 800 | 800 |
| Number of phases | 3 + N | | | |
| Rated voltage [V] | 380 / 400 / 415 three-phase + N (selectable) | | | |
| Static Stability | ±1% | | | |
| Dynamic Stability | ±5% in 10 ms | | | |
| Voltage distortion | <1% with linear load/<3% with non-linear load | | | |
| Frequency stability on battery | ± 0.05% | | | |
| Frequency [Hz] | 50 or 60 (selectable) | | | |
| Overload | 110% for 60 min;<br>125% for 2 min;<br>150% for 20 s | 110% for 60 min;<br>125% for 10 min;<br>150% for 1 min | | |
| **BYPASS** | | | | |
| Rated voltage [V] | 380 / 400 / 415 three-phase + N | | | |
| Rated Frequency [Hz] | 50 or 60 (selectable) | | | |
| Frequency tolerance | ±2% (selectable from ±1% to ±5%) | | | |
| **OVERALL SPECIFICATIONS** | | | | |
| Weight [kg] | 1300 | 1600 | 1800 | 1985 |
| Dimension (WxDxH) [mm] | 1600x850x1900 | 2000x850x1900 | 2000x850x1900 | 2400x850x1900 |
| Input cable | Bottom | Bottom | Bottom | Top and bottom |
| Remote signals | Volt-free contact (configurable) | | | |
| Remote controls | EPO, bypass battery charge block (configurable) | | | |
| Communications | USB + Dry contacts + 2 slots for communications interface | | | |
| Ambient temperature for the UPS | 0 °C - +40 °C | | | |
| Recommended temperature for battery life | +20 °C - +25 °C | | | |
| Range of relative humidity | 5-95% non-condensing | | | |
| Colour | RAL 7016 | | | |
| IP rating | IP20 (other on request) | | | |
| Efficiency (AC-AC) – ON LINE Mode | up to 97% | | | |
| Standards | European directives: LV 2014/35/EU low voltage Directive EMC 2014/30/EU electromagnetic compatibility Directive Standards: Safety IEC EN 62040-1; EMC IEC EN 62040-2; RoHS compliant Classification in accordance with IEC 62040-3 (Voltage frequency Independent) VFI - SS - 111 | | | |
| Classification in accordance with IEC 62040-3 | (Voltage Frequency Independent) VFI - SS - 111 | | | |
| Moving the UPS | Pallet jack | | | |

[1] *For wider tolerance conditions apply.*