

NILE



30 to 60 kVA On - Line UPS Three phase in - Three Phase out

The Nile Series UPS presents complete power protection solution against power failures, voltage distortions, frequency fluctuations, voltage surges, interference and voltage drops. True on-line, double conversion technology of the Nile Series ensures trouble free, reliable operation of valuable equipment and critical load by maintaining precise and pure sine-wave output. Rugged IGBT technology provides high current capability and protects the system against high instantaneous overloads which improves the reliability even more. Nile's operation and monitoring is performed by one switch and two push buttons only. All system operations are safe and fully automatic. LCD display provides detailed system measurements and data. RS-232 communications port and voltage free contacts are standard. With optional software, these provide orderly shutdown, direct system monitoring and network-wide administration through SNMP interface. Nile maximizes battery life by temperature compensated charging and automatic battery testing & diagnostics. Built-in Maintenance Bypass (MBP) of the Nile prevents load interruptions during service and maintenance, and also eliminates the need to use an external cabinet.

Features:

- Reliable, true on-line protection
- Double conversion technology
- Expandable battery backup
- Computer & network interface
- Friendly & easy to use
- In depth UPS & Battery diagnostics
- Compact & quiet
- Built-in maintenance bypass
- Rugged IGBT technology
- Optional event history log file
- Automatic battery testing
- 1+ 1 parallel operation



Uninterruptible Power Supply

NILE

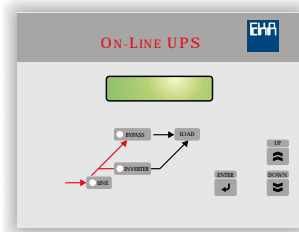
TECHNICAL SPECIFICATIONS



Uninterruptible Power Supply

| MODEL / RATING | NL 430 / 30 kVA | NL 440 / 40 kVA | NL 460 / 60 kVA |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------|
| POWER FACTOR | 0.8 | | |
| INPUT | | | |
| Voltage | 380, 400, 415 Vac, 3- Phase | | |
| Voltage Tolerance | ±15% | | |
| Frequency | 50 / 60 Hz. | | |
| Frequency Tolerance | ±5% | | |
| BATTERY | | | |
| Cut-off Voltage | 1,67 V/Cell | | |
| Battery Type | Maintenance-free, dry type | | |
| Recharge Capacity (~5 hours) | 90% (if fully discharged) | | |
| OUTPUT | | | |
| Voltage | 380, 400, 415 Vac, 3- Phase | | |
| Voltage Tolerance | ±1% | | |
| Frequency | 50 / 60 Hz. | | |
| Frequency Tolerance | ±0.02% Hz. (battery operation) ±1% Hz. (synchronized operation) | | |
| Total Harmonic Distortion (THD) | <2% (for linear loads), <5% (for non-linear loads) | | |
| Crest Factor | 3:1 | | |
| Overload Capacity | 125% 10 min. , 150% 1 min. | | |
| EFFICIENCY | >92% | | |
| TRANSFER TIME | 0 msn | | |
| STATUS MONITORING & CONTROL (LOCAL) | Built-in Maintenance Bypass Switch, Monitoring panel with alphanumeric LCD, 3 status indicator LEDs, Audible alarm with silencer button | | |
| STATUS MONITORING (REMOTE) | | | |
| RS-232 Port | Monitoring and Control | | |
| Supported Operating Systems | UNIX, LINUX, OS/2, NOVELL, Windows 95/98/00/NT | | |
| ENVIRONMENTAL | | | |
| Audible Noise (@ 1 m.) | <55 dBA | | |
| Operating Temperature | 0°C +40°C | | |
| Relative Humidity | 0% - 90% (Non-condensing) | | |
| Ventilation | Forced cooling monitored by microprocessor | | |
| STANDARDS | | | |
| EMC | EN 50091 - 2 | | |
| Safety | EN 50091 - 1 - 1 | | |
| Performance & Test | ENV 50091 - 3 | | |
| Protection | IP20 | | |
| DIMENSIONS | | | |
| WxDxH (mm) | 720x800x1400 | | |
| WEIGHT | | | |
| Without Batteries (kg.) | 500 | 555 | 635 |
| OPTIONS | External Battery Cabinets, Remote Alarm Panel, SNMP Interface, Shutdown Software, Modem, UPS History Log File | | |

All specifications subject to change without notice. Consult EKA's technical support department for special applications. All names used above are registered trademarks of their respective owners.



FRONT PANEL



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