

NB

NB 1K25 NB 2K25



TRUE ON-LINE DOUBLE CONVERSION SINE WAVE UPS

- 100% Backup guarantee with no break power
- 20 kHz PWM inverter
- Zero time transfer full static switch
- Input voltage 165 Vac - 275 Vac
- Output voltage 220 Vac \pm 1%
- Crystal controlled output frequency 50 Hz/60 Hz \pm 0.1%
- Built in output isolation transformer
- Automatic detective and shutdown when no load
- EMI/RFI and power line noise protection
- Surge, spike, blackout, brownout, overload and short circuit protection
- Built-in sealed lead acid (maintenance free) battery
- LED status and 16 Characters LCD display
- Generic computer interface
- SNMP/HTTP monitor capability (option)

Easy-Mon

UPS Monitoring and Managing Software for Windows 95/98/ME or Windows 2000/NT/XP

Easy-Mon

UPS Monitoring and Managing Software for Linux or Unix



NB-series True On-line Double Conversion Sine Wave UPS can protect your electronic equipments such as computer networks, PABX, telecommunications equipments, medical and scientific equipments, etc. from blackout, brownout, surge, spike, noise and frequency drift.



A5043



ISO 9001



ISO 14001
EMS 01007545



LEONICS CO., LTD.



ISO 9001
QMS 01008348

Accredited by Member of the Pacific Accreditation Cooperation (PAC) and International Accreditation Forum, Inc. (IAF) Multilateral Recognition Arrangement for Quality Management Systems



Q-MARK
Thailand Industrial Standard



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TIS 1291-2545



LEONICS CO.,LTD.



ISO 14001
EMS 01007/045

SPECIFICATIONS

MODEL		NB 1K25	NB 2K25
CAPACITY	Pf. = 0.8 (VA / W)	1250 VA / 1000 W	2000 VA / 1600 W
INPUT	Voltage (single phase)	220 Vac ± 25%	
	Frequency	50 Hz / 60 Hz ± 6% at nominal voltage	
OUTPUT	Voltage (single phase)	220 Vac ± 1%	
	Frequency	Nominally locked to line frequency, free running 50 Hz / 60 Hz ± 0.1% (Crystal controlled)	
	Wave form	Pure sine wave (Sinusoidal)	
	Total harmonic distortion	Less than 3% at full linear load	
	Transient condition	< 5% for 100% instantaneous load variation	
	Overload capability	150% for 30 sec., 125% for 15 min.	
	Crest factor ratio	4:1	
	Protection	Over heat, overload, over voltage, under voltage, short circuit proof and low battery voltage shutdown	
	EFFICIENCY	AC to AC (at full load)	72%
BATTERY	Type	Sealed lead-acid (maintenance free) rechargeable	
	Standard backup time (full load)	> 8 min.	> 12 min.
	Special backup time	15 - 60 min.	
	Continuous recharging time	6-8 hours to 90% after full load discharge	
AUTOMATIC BYPASS SWITCH	Capability	300% for 5 minutes	
		1500% for 1 cycle	
SURGE PROTECTION	Standard energy	UL recognized surge protection to std.1449	
	Energy absorption	170 joules (510 joules is optional) (2 msec wave form)	
	Surge current capability	8 kA (8/20 microsec wave form)	
TRANSFER TIME	Mains fail or recover	Zero time (True on-line UPS)	
	UPS to bypass and vice versa	Zero time (Make before break)	
	Auto reverse	After overload return to normal	
MANUAL CONTROLS	Maintenance bypass switch	-	Option
INDICATOR	Front panel LED's	Line input, rectifier, inverter, load level, battery level, automatic bypass, maintenance bypass, low battery, over temperature, fault	
	LCD Display	Input voltage, output voltage, %load, %battery	
AUDIBLE ALARM	Two tones with reset for silence	Mains failure, low batt., load on bypass, over temperature, fault	
AUTOMATIC DETECTIVE AND SHUTDOWN WHEN NO LOAD		yes	
CONNECTIONS	Input	NEMA 5-15 P (Power cord 1.5 metres)	Terminal blocks
	Output	6 Outlets	6 Outlets + Terminal blocks
COMMUNICATIONS INTERFACE	Dry contact (DB 9)	yes	
	SNMP / HTTP capability	Option (internal or external)	
ACOUSTIC NOISE	At 1 metre	< 45 dB	< 50 dB
ENVIRONMENT	Temperature	0°C to 40°C	
	Humidity	0 - 95% (non-condensing)	
PHYSICAL DIMENSIONS (W x H x D) (cm)	UPS include standard battery (to front panel)	25 x 51.5 x 53.5 (25 x 51.5 x 56.5)	25.5 x 63.5 x 59.7 (25.5 x 63.5 x 62.7)
	WEIGHT (Approximate in kg.)	69	87
CONFORMANCE	Design regulation	IEC 62040-1, (2), EN 61000-4-2, (4), (6), IP20, TIS-1291	

Continuous product development is our commitment. In that manner, the above specifications may be changed without prior notice.

Authorized Distributor: