

NB

LED and LCD DISPLAY



TRUE ON-LINE DOUBLE CONVERSION SINE WAVE UPS

- 100% backup guarantee with no break power
- Zero time transfer full static switch
- Automatic detective and shutdown when no load
- Generic computer interface
- Input voltage 165 VAC - 275 VAC
- Output voltage 220/240 VAC \pm 1%
- Built in output isolation transformer
- Crystal controlled frequency 50/60 Hz \pm 0.1%
- LED and LCD display
- Surge, spike, blackout, brownout, overload and short circuit protection
- EMI/RFI and power line noise protection
- Built-in sealed lead acid (maintenance free) battery
- 20 kHz PWM inverter
- 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



www.leonics.com

**ISO 9001
14001**

TRUE ON-LINE DOUBLE CONVERSION SINE WAVE UPS (LED and LCD DISPLAY)

LEONICS UPS with range from 350 VA to 250 kVA is also widely used to protect electronic equipment such as computer networks, PABX, telecommunications, medical and scientific equipment, etc. from blackout, brownout, surge, spike, noise and frequency drift.

SPECIFICATIONS



TIS 1291-2545



LEONICS CO.,LTD A5043 ISO 9001



ISO 14001
EMS 01007/045

MODEL		NB 1K25	NB 2K25
CAPACITY	Pf. = 0.8 (VA / W)	1250 / 1000	2000 / 1600
INPUT	Voltage (single phase)	220 Vac ± 25%	
	Frequency	50 /60 Hz ± 6% at nominal voltage	
OUTPUT	Voltage (single phase)	220 Vac ± 1%	
	Frequency	nominally locked to line frequency, free running 50 /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 battery low voltage shutdown	
EFFICIENCY	AC to AC (at full load)	72%	81%
BATTERY	Type	sealed lead acid (maintenance free) rechargeable	
	Standard backup time (full load)	> 8 min.	> 12 min.
	Special backup time	15 - 60 min.	
	Recharge 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 (option 510 joules) (2 msec wave form)	
	Surge current capability	8 kA (8/20 microsec wave form)	
TRANSFER TIME	Mains fail or recover	zero time (true online 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	
INPUT PLUG	Power cord 1.5 metre	NEMA 5-15 P	terminal
OUTPUT OUTLETS		6	6 + terminal
COMMUNICATION	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	UPS include standard battery (W x H x D) (cm)	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)
	(to front panel)		
WEIGHT	UPS include standard battery (approx. in kg.)	69	87

Authorized Distributor: _____