

## Ultimate-X

## HIGH PERFORMANCE TRUE ON-LINE DOUBLE CONVERSION UPS



- True on-line double conversion design
- High reliability
- High input power factor/power factor correction
- Pure sine wave output with less than 3% THD
- Very high inverter efficiency (approx.  $\geq 90\%$ )
- Best performance by microprocessor controlled and advanced IGBT technology
- Schematic display for easy operation
- Surge, spike, blackout, brownout, overload and short circuit protection
- EMI/RFI and power line noise protection
- Compact size and light weight
- Smart computer interface
- SNMP/HTTP monitor capability (option)
- Battery temperature compensation for recharge (option)
- Manual bypass switch (option)
- Extend backup time (option)

www.leonics.com  
**ISO 9001  
 14001**  
 www.leonics.co.th



## HIGH PERFORMANCE TRUE ON-LINE DOUBLE CONVERSION SINE WAVE UPS

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



TIS 1291-2545



LEONICS CO.,LTD A5043 ISO 9001



ISO 14001  
EMS 01007/045

## Ultimate-X series : High Performance True On-Line UPS

### SPECIFICATIONS

MODEL		UXA-1500	UXA-3000	UXA-1500RM	UXA-3000RM
CAPACITY	For computer load	1500 VA / 1050 W	3000 VA / 2100 W	1500 VA / 1050 W	3000 VA / 2100 W
SYSTEM	Controller Technology	Intelligent UPS with microcomputer controlled High frequency switching, IGBT technology			
INPUT	Voltage Voltage range Frequency Power factor	220 V single phase nominal voltage +27% to -25% 50 / 60 Hz ± 6% (auto detect) at nominal voltage (± 10% option) > 0.98 at full load			
OUTPUT	Voltage Phase Frequency  Wave form Harmonic distortion Transient condition Overload capability Crest factor Protection	220 V ± 1% Single phase Normally locked to line frequency, Free running 50 Hz ± 0.1% (Crystal controlled) Pure sine wave < 3% of THD at linear load ± 5% for 100% instantaneous load variation 150% for 30 sec., 125 % for 15 min. 3 : 1 Overload, overvoltage, undervoltage, short circuit proof and battery low voltage shutdown			
EFFICIENCY	DC to AC AC to AC	Approximate ≥ 90% ≥ 87% at full linear load			
BATTERY	Type Capacity Voltage Standard backup time Extend backup time Recharge time Battery temperature compensation for recharge	4 x 12 V 36 W 48 Vdc	8 x 12 V 36 W 96 Vdc	4 x 12 V 36 W 48 Vdc	8 x 12 V 36 W 96 Vdc
		15 - 30 min. (depend on computer load) option 6 - 10 hours to 90% after full load discharged option			
TRANSFER TIME	Main fail or Recover UPS to bypass and vice versa	Zero Time (True On-line UPS)			
INDICATOR	Front panel LED's	Line Input, Rectifier, Inverter (Green) Auto Bypass, Overload, Low Battery, Over Temperature, Fault (Red)			
PROTECTION	EMI/RFI attenuation Surge protection Surge energy dissipation	> 40 dB UL recognized surge protection to std. 1449 173 Joules (2 msec wave form)			
AUDIBLE ALARM	Multiple tones with reset for silence	Mains Failure, Low battery, Overload, UPS fault			
INPUT PLUG	Power cord 1.5 metre	NEMA 5 - 15 P (IEC 320, GS option)			
OUTPUT OUTLET		4	8	4	6
COMUNICATION INTERFACE	DB-9 connector SNMP/HTTP capability	RS-232 serial interface port can be connected to PC, workstation or servers for automatic unattended shutdown. Easy-Mon X may be required. option			
ACOUSTIC NOISE	At 1 metre	< 45 dBA			
ENVIRONMENT	Temperature Humidity	0 - 40°C 0 - 95 % (Non-Condensing)			
DIMENSIONS (cm.)	W x H x D (UPS) W x H x D (Battery Unit)	17.4 x 23.0 x 41.0	24.0 x 53.0 x 45.2	48.2 x 8.8 x 50.0(2U)	48.2 x 14.0 x 50.0(3U) 48.2 x 14.0 x 50.0(3U)
WEIGHT (kg.)	UPS Battery unit for rack mount	18 (include battery) -	59.5(include battery) -	20 (include battery) -	15 26
CONFORMANCE	Design regulation	EN 50091-1, EN 50091-2, EN 55022 (B), EN 50082-1			

Continuous product development is our commitment. In that manner, the above specifications may be change without prior notice.  
RM = Rack Mount UPS.

Easy-Mon X Software capable to work with Windows 95/98/ME/XP, Windows NT/2000/NT, Linux (Redhat 7.0, 7.1, 7.2/Mandrake 8.0, 8.1, 8.3) and Unix (HP, Sun, Solaris). Please check details of OS version at [www.leonics.com](http://www.leonics.com).

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