

Ultimate-X



Easy-Mon X UPS Monitoring and Management Software



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



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)



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.

LEONICS® Ultimate-X series : High Performance True On-Line UPS



TIS 1291-2545

SPECIFICATIONS

MODEL	Tower	UXE-500	UXD-600	UXD-1000	UXE-1000	UXD-1500	UXE-2000	UXD-3000LX	
	Rack mount	UXE-500RM	UXD-600RM	UXD-1000RM	UXE-1000RM	UXD-1500RM	UXE-2000RM	UXD-3000RM/LX	
CAPACITY	For computer load	500 VA / 400 W	600 VA / 360 W	1000 VA / 600 W	1000 VA / 800 W	1500 VA / 900 W	2000 VA / 1600 W	3000 VA / 1800 W	
SYSTEM	Controller Technology	Intelligent UPS with microcomputer controlled High frequency switching, IGBT technology							
INPUT	Voltage	220 V single phase nominal voltage							
	Voltage range	+27% to -35%		+27% to -30%		+27% to -25%		+27% to -30%	
	Frequency	50 / 60 Hz ± 6% (auto detect) at nominal voltage (± 10% option)							
	Power factor	> 0.98 at full load							
OUTPUT	Voltage	220 V ± 1%							
	Phase	Single phase							
	Frequency	Normally locked to line frequency, Free running 50 Hz ± 0.1% (Crystal controlled)							
	Wave form	Pure sine wave							
	Harmonic distortion	< 3% of THD at linear load							
	Transient condition	± 5% for 100% instantaneous load variation							
	Overload capability	150% for 30 sec., 125 % for 15 min.							
	Crest factor	3 : 1							
PROTECTION	Protection	Overload, overvoltage, undervoltage, short circuit proof and battery low voltage shutdown							
EFFICIENCY	DC to AC	Approximate ≥ 90%							
	AC to AC	≥ 87% at full linear load							
BATTERY	Type	Seal lead acid (maintenance-free) rechargeable							
	Capacity	3 x 12 V 7 Ah		4 x 12 V 7 Ah		4 x 12 V High rate		8 x 12 V High rate	16 x 12 V High rate
	Voltage	36 Vdc				48 Vdc		96 Vdc	
	Standard backup time	15 - 30 min. (depend on computer load)							
	Extend backup time	option							
	Recharge time	6 - 10 hours to 90% after full load discharged							
	Battery temperature compensation for recharge	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, Rectifier, Inverter, Load Level, Overload, Battery Level, Low Battery Auto Bypass, Over Temperature, Fault							
PROTECTION	EMI/RFI attenuation	> 40 dB							
	Surge protection	UL recognized surge protection to std. 1449							
	Surge energy dissipation	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	Tower							8	
	Rack Mount							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	0 - 40°C							
	Humidity	0 - 95 % (Non-Condensing)							
WEIGHT (approximate in kg.)	UPS Tower (included battery)	15.5				18		39.5	59.5
	Rack mount	17.5 (included battery)				20 (included battery)		15	15
	Battery Unit for rack mount UPS							26	52
DIMENSIONS (cm.)	W x H x D (UPS)	Tower	17.4 x 23.0 x 41.0				24.0 x 37.9 x 45.2		24.0 x 53.0 x 45.2
		Rack mount	48.2 x 8.8 x 50.0 (2U)				48.2 x 14.0 x 50.0 (3U)		
	W x H x D (Battery Unit)							48.2 x 14.0 x 50.0 (3U)	[48.2x14.0x50.0 (3U)] x 2
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).

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