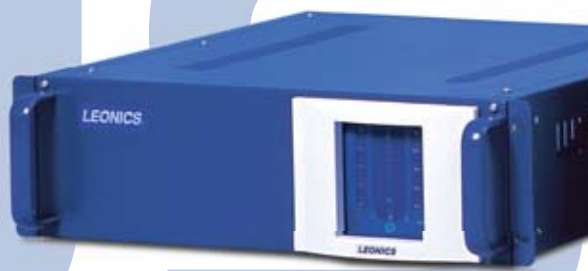
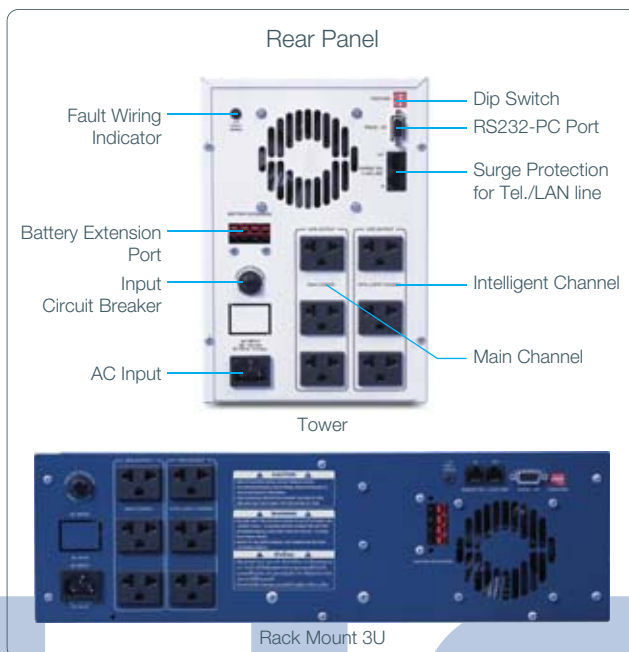


ULTRA SINE

Microprocessor Control and Pure Sine Wave UPS

- High reliability
- High input power factor
- Power Watcher: full time load power monitoring and warning
- Battery Watcher: automatic battery test and alert when battery level is low or deteriorated battery
- Ultra fast charge with 3-stages battery charging
- Intelligent Battery Management (IBM)
- Advanced Load Outlet Management (ALOM)
- Buck / Double Boost Stabilizer
- Surge Protection for telephone and LAN line
- Perfect Ultra Sine Display
- Surge, spike, blackout, brownout, overload and short circuit protection
- Extend backup time by battery extension module
- Free download Easy-Mon X software, the UPS monitoring and management software, at www.leonics.com
- SNMP/HTTP compatibility (option)
- Suitable for workstation, network computers or servers



Rack Mount 3U



Tower



438851 QM



ISO 9001



ISO 14001
EMS 01007045



LEONICS CO.,LTD.
and its subsidiaries



ISO 9001
QMS 01008549



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



QMS 002



MODEL	TOWER	USC 1050		USC 1600		USC 2000	
	RACK MOUNT	USC 1050 RM		USC 1600 RM		USC 2000 RM	
Capacity (Pf = 0.6)		1050 VA (630 W)		1600 VA (960 W)		2000 VA (1200 W)	
INPUT							
Input voltage for utility operation		-35% to +25% of nominal voltage					
Nominal Input		220, 230, 240 Vac (single phase), 50 / 60 Hz ± 6% (auto sensing)					
OUTPUT							
Voltage on battery mode		Pure sine wave at ±1% of nominal input voltage					
Frequency on battery mode		50 / 60 Hz ± 0.1% (pure sine wave THD < 3%)					
Voltage on AVR mode		±10% of nominal input voltage					
Automatic voltage stabilizer		Buck / Double Boost					
Transfer time		0.5 to 4 msec.					
Overload protection		Battery mode: internal current limiting, AVR mode: Resettable circuit breaker					
SURGE PROTECTION AND FILTERING							
Surge energy rating, peak current capability		170 Joules, 8,000 Amp x 3 (L-N, L-G, N-G)					
Normal mode clamping response time		Fast response time < 25 ns					
Normal mode noise suppression		Full time EMI / RFI filtering					
Surge energy rating for telephone line		28.5 Joules, 3600 Amp (RJ45 PIN 4, 5)					
Surge protection for LAN line (10 Base T)		RJ45 PIN 1, 2, 3, 6					
ENVIRONMENTAL							
Ambient operation		0 - 95% Relative humidity (non-condensing), 0 to + 45°C (32 to 113 °F)					
Audible noise		< 40 dBA at 1 metre					
PHYSICAL							
Input connector type		IEC 320 C 14					
Number of outlets		6					
Dimension (W x H x D) (Tower / Rack Mount) (cm)		17.0 x 25.0 x 50.0 cm / 48.2 x 14.0 x 50.0 cm					
Net weight (Tower / Rack Mount) (kg)		25.1 kg / 30.5 kg		28.0 kg / 34.0 kg		33.1 kg / 36.0 kg	
Shipping weight (Tower / Rack Mount) (kg)		27.1 kg / 32.5 kg		30.0 kg / 36.0 kg		35.1 kg / 38.0 kg	
USER REPLACEABLE BATTERIES							
Type		Hot swappable, sealed lead acid (maintenance free)					
Capacity		4 x 12 V 7 Ah (4 x 12 V High Rate is optional)				4 x 12 V High Rate	
Recharging time to 80%		< 3 hours					
Management		Replace battery indicator and alarms					
ADVANCE WARNING DIAGNOSTICS							
Front panel LEDs		UPS operation mode, Low battery / Replace battery, Fault alarm, Input voltage level, Battery level, Load level, UPS overloaded, Main channel status, Intelligent channel status, Frequency fault, Over temperature					
Audible alarms		Battery mode, Low battery, UPS overloaded, Battery replacement, High / Over temperature					
COMMUNICATIONS INTERFACE							
DB-9 port		Serial interface port can be connected to PC, workstations or servers for automatic unattended shutdown Easy-Mon X* may be required.					
SNMP / HTTP capability		Optional (internal / external)					
CONFORMANCE							
Design regulation		EN 50091-1, EN 50091-2, EN 55022(B), EN 61000-4-2, (4), (6), IEC 801/5/IP21, EMC category C2, TIS 1291-2553					
TYPICAL BACKUP TIME							
Compaq Pressario	90		260 min.		260 min.		280 min.
Cabletron MMAC - 8	210		95 min.		95 min.		120 min.
Pentium system w/VGA	270		74 min.		74 min.		93 min.
Dell PowerEdge 4200	360		49 min.		49 min.		70 min.
Dell PowerEdge 6100	480		37 min.		37 min.		50 min.
IBM Netfinity	600		25 min.		25 min.		38 min.
2X HP NetServer LH/LX	750		20 min.		20 min.		31 min.
6X Compaq Prosignias	960		16 min.		16 min.		21 min.
3X IBM PC Server 500/700 series	1,200		-		11 min.		15 min.
3X Compaq Proliant 5000/6000/7000	1,800		-		-		8 min.

Continuous product development is our commitment. In that manner, the above specifications may be changed without prior notice. RM = Rack Mount UPS
 *Easy-Mon X software can download at www.leonics.com. Before installing the software, please check your operating system is compatible with Easy-Mon X software, check OS at www.leonics.com