

Ultimate-X

UKA-series

TRUE ON-LINE DOUBLE CONVERSION UPS

- Fully digitized microprocessor control
- Wide input voltage range
- UPS start up without battery
- Cold start
- Advanced battery management
- Automatic battery charging in UPS off mode
- Lightning and surge protection
- Short circuit and overload protection
- Fan speed auto control when loads varies
- Network/fax/modem surge protection
- LED and LCD display
- EMI/RFI noise filter
- Smart RS232 communication with monitoring software
- Suit for small computer network, servers and other IT equipments
- SNMP/HTTP capability (option)
- EPO function(option)
- Extend backup time (option)

LCD display indication

- Input voltage/frequency
- Output voltage/frequency
- Battery voltage
- Load capacity in Watt, VA and percent
- Inverter temperature
- UPS operation mode ("on line", "on batt", "UPS off" and "on bypass")



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



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 : True On-Line Double Conversion UPS

SPECIFICATIONS

MODEL		UKA-1000	UKA-2000	UKA-3000	
CAPACITY	For computer load	1000 VA / 700 W	2000 VA / 1400 W	3000 VA / 2100 W	
INPUT	Voltage	220 V single phase nominal voltage			
	Voltage range	± 25% of nominal voltage			
	Frequency	50 Hz ± 8% (46 - 54 Hz ± 0.5 Hz)			
	Power factor	more than 0.97 at full load			
OUTPUT	Voltage	220 V ± 2%			
	Phase	single phase			
	Frequency	50 Hz ± 0.2%			
	Wave form	Pure sine wave			
	Harmonic distortion	less than 3% of THD at linear load, less than 6% of THD at non-linear load			
	Overload capability	more than 110% for 30 sec. turn to bypass mode, more than 150% for 300 ms. turn to bypass mode			
	Crest factor	3 : 1			
	Short circuit protection	turn off inverter, no transfer to bypass, provide alarm (AC mode) turn off inverter, provide alarm (Battery mode)			
	Efficiency	≥ 83%	≥ 85%		
	Protection	overload, over voltage, under voltage, short circuit proof and low battery voltage shutdown			
	BATTERY	Type	sealed lead acid maintenance free		
		Backup time (depend on computer load)	6 - 10 minutes	8 - 15 minutes	9 - 20 minutes
Extend backup time		option			
Continuous recharging time		90% capacity after 6-10 hours charging			
TRANSFER TIME	Transfer time between AC mode and Battery mode	zero time (True On-line UPS)			
PROTECTION	EMI/RFI attenuation	IEC 62040-2 class B			
	Surge protection	IEC 61000-4-5 level 4			
INDICATOR	Front panel LED's	Green LED for normal operation Yellow LED for warning condition Red LED for abnormal operation			
	Front panel LCD's	Input voltage/frequency, battery voltage, output voltage/frequency, load in watt/VA and percent, inverter temperature Operation modes such as "on line", "on batt", "UPS off" or "on bypass"			
AUDIBLE ALARM	Buzzer	Mains Failure, Low battery, Overload, UPS fault			
INPUT PLUG		NEMA 5-15P			
OUTPUT OUTLET		4	8		
COMUNICATION INTERFACE	DB-9 connector	RS-232 serial interface port can be connected to PC, workstation or servers with monitoring software			
	SNMP/HTTP capability	option			
ACOUSTIC NOISE	At 1 metre	< 45 dBA			
ENVIRONMENT	Temperature	0 - 40°C			
	Humidity	0 - 95 % (Non-Condensing)			
DIMENSIONS	W x H x D (cm.)	14.4 x 21.5 x 41.9	19.1 x 33.9 x 47.8		
WEIGHT	Approximate in kg.	14	33	34	

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

Authorized dealer :