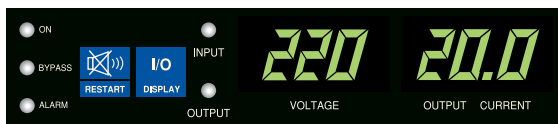




POWER LINE CONDITIONER AND AUTOMATIC VOLTAGE STABILIZER

- Microprocessor Control
- Zero current tap change
- 6 Taps change
- Input voltage is 220 Vac (L-N) -25% +23%
- Output voltage is 220 Vac (L-N) ± 5%
- Pure sine wave output
- Crest factor ratio 6:1
- 7-Segment LED and digital meter display
- Voltage and current digital meter monitoring
- Surge, spike, blackout, brownout protection
- Total solution EMI/RFI and power line noise protection
- Overload and short circuit protection
- Over voltage and under voltage protection

7-Segment LED and digital meter display



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

POWER LINE CONDITIONER AND AUTOMATIC VOLTAGE STABILIZER

LEONICS Wise-series is designed and manufactured by most advanced technology with microprocessor as the most reliable automatic voltage regulator (AVR) to protect your electrical equipments such as computer network, PABX, medical and scientific equipment, copy machine, stereo etc. from surge, spike, noise, EMI, RFI, voltage fluctuation and frequency drift.

SPECIFICATIONS

MODEL		<i>Wise3000</i>	<i>Wise5000</i>	
RATED POWER	Pf. = 1	3 kVA / 3 kW	5 kVA / 5 kW	
SYSTEM	Topology	Single phase stabilizer with microprocessor controlled		
	Number of TAP change	6 taps		
	Tapping Technique	zero current tap change		
INPUT	Voltage	220 Vac -25% +23%		
	Frequency	50 / 60 Hz ± 6% (auto sensing)		
	Wave form	pure sine wave		
OUTPUT	Voltage	220 Vac ± 5%		
	Frequency	synchronize with input		
	Wave form	pure sine wave (sinusoidal)		
	Total harmonic distortion	less than 0.3% THD		
	Overload capability		100% for continuous load	
			150% for 11 min.	
		300% for 1 cycle		
Crest factor ratio	6:1			
EFFICIENCY	AC to AC (at full load)	more than 97%		
SYSTEM PROTECTION	Overload	automatic shutdown with manual restart		
	Over / under voltage	automatic shutdown with manual restart or auto restart (selectable)		
	Short circuit	circuit breaker		
	Surge energy dissipation	320 joules (6.5 kA)		
	Surge clamping voltage	370 Vp		
	Power dissipation	1,000,000 W within 100 microsec.		
	EMI / RFI dissipation	100 kHz - 80 MHz		
	Attenuation	more than 36 dBA		
MANUAL CONTROLS	Maintenance bypass switch	option		
INDICATOR	LED's	power on, maintenance bypass, alarm, input voltage, output voltage		
	Digital meter monitoring (3 digit 7-segment LED)	input / output voltage, output current		
AUDIBLE ALARM WITH RESET FOR SILENCE	Overload	-----	0.2 sec. - 0.2 sec.	
	Over voltage	_____	3 sec. - 0.2 sec.	
	Under voltage	- - - -	0.2 sec. - 3 sec.	
	Frequency fault	_____	4 sec. - 4 sec.	
	Overload shutdown	_____		
ACOUSTIC NOISE	At 1 metre	less than 30 dBA		
ENVIRONMENT	Temperature	0°C to 45°C		
	Humidity	0 - 95% (non-condensing)		
PHYSICAL DIMENSIONS	W x H x D (cm.)	18 x 35 x 45		
WEIGHT	Approximate in kg.	36	40	

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

Authorized Distributor: