

# LEONICS

# Wise



THE BEST PROTECTION FOR YOUR ELECTRICAL DEVICES



## The proven stabilizer

LEONICS® Wise stabilizer is designed and manufactured by the most advanced technology with microprocessor as the most reliable automatic voltage regulator (AVR).

LEONICS® Wise, The best protection for your electrical devices.

### SPECIFICATIONS

MODEL		WISE 500	WISE 1000	
RATED POWER		500 VA / 500 W	1000 VA / 1000 W	
SYSTEM		Microprocessor controlled static electronic system		
INPUT	Voltage (Single Phase)	220 Vac + 23% - 25%		
	Frequency	50 Hz/60Hz ± 6% Automatic detective		
	Wave Form	Sine wave		
OUTPUT	Voltage (Single Phase)	220 Vac ± 5%		
	Frequency	Synchronize with input		
	Wave Form	Sine wave		
	Harmonic Distortion	Less than 0.3% THD		
	Efficiency	More than 96%		
NUMBER OF TAP CHANGE		6 Taps		
TYPE OF TAP CHANGE		Zero current tap change		
CREST FACTOR RATIO		6 : 1		
OVERLOAD PROTECTION COMPUTER CONTROLLED		100% for continuous load 125% for 22 min. 150% for 11 min. 175% for 2 min. 200% for 44 sec. More than 250% for 10 sec.		
SYSTEM PROTECTION	Overload			
	Over voltage / Under Voltage			
	Frequency Fault			
	Short Circuit			
	Surge Energy Dissipation	320 Joules (6500A)		
	Surge Clamping Voltage	370 Vpeak		
	Power Dissipation	1,000,000 W within 100 microsec.		
	EMI/RFI Dissipation	100 kHz - 80 MHz		
	Acoustic Noise	Less than 30 dBA at 1 Metre		
	Attenuation	More than 36 dBA		
SHUTDOWN AND SAFETY SYSTEM	Under Voltage / Over voltage	Automatic shutdown		
		Automatic restart	Automatic/Manual restart (Switch selectable)	
	Overload	Manual restart		
INDICATOR	Green LED	Red LED	Audible Alarm	
	Bright	—	—	Normal operation
	Bright	Blink	----- (0.2s and 0.2s)	Overload
	Bright	Blink	- - - - (0.4s and 3s)	Under voltage
	Bright	Blink	— — (3sec and 0.4s)	Over voltage
	Bright	Blink	— — (4s and 4s)	Frequency fault
	Bright	Bright	—————	Overload shutdown
	Blink	Blink	- - - - (0.4 S and 3 S)	Under voltage shutdown
Blink	Blink	— — (3 S and 0.4 S)	Over voltage shutdown	
ENVIRONMENT	Temperature	0 - 45°C		
	Humidity	0 - 95 % (Non - condensing)		
DIMENSION	W x H x D (mm)		110 x 150 x 260	120 x 165 x 340
WEIGHT (Kg)			5.2	9.2

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

Authorized Distributor :