

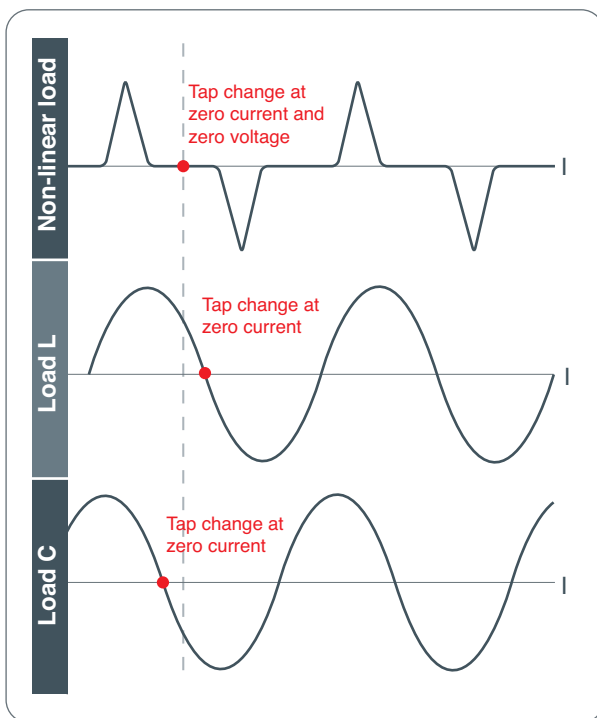
Wise 11

Wise MP11

Single Phase 2 Wires Input / Output

ZERO CURRENT AND ZERO VOLTAGE CROSSING AUTOMATIC VOLTAGE STABILIZER

- Microprocessor Control
- Zero current and zero voltage crossing
- Input voltage is 220 Vac (L-N) +15% -20% for Wise11 and +15% -17.5% for Wise MP11
- Output voltage is 220 Vac (L-N) \pm 5% for Wise11 and \pm 2.5% for Wise MP11
- Crest factor ratio 3:1
- LED and digital meter on LCD display
- Surge, spike, sag and brownout protection
- EMI/RFI and power line noise protection
- Overload and short circuit protection
- Over voltage and under voltage protection
- Analog Output Volt meter and Amp meter
- RS-232 for PC communication and remote monitoring (option)



ZERO CURRENT AND ZERO VOLTAGE CROSSING AUTOMATIC VOLTAGE STABILIZER (LED and LCD DISPLAY)

The most reliable topology of Automatic Voltage Stabilizer for full protect electrical equipment such as factory automation equipment, medical and scientific equipment, communication equipments, industrial instruments etc.



ISO 9001



MODEL		Wise 0811	Wise1011	Wise1511	Wise2011	Wise2511	Wise3011	Wise4011	Wise5011
		WiseMP0811	WiseMP1011	WiseMP1511	WiseMP2011	WiseMP2511	WiseMP3011	WiseMP4011	WiseMP5011
RATED POWER	Pf. = 1	8 kVA	10 kVA	15 kVA	20 kVA	25 kVA	30 kVA	40 kVA	50 kVA
		8 kW	10 kW	15 kW	20 kW	25 kW	30 kW	40 kW	50 kW
SYSTEM	Topology	Single phase stabilizer with microprocessor controlled							
	Number of TAP change	4 Taps for Wise xx11							
		8 Taps for Wise MPxx11							
	Crossing Technique	Zero current and zero voltage crossing							
INPUT	Voltage	220 Vac -20% +15% for Wise xx11							
		220 Vac -17.5% +15% for Wise MPxx11							
	Frequency	50 / 60 Hz ± 6% (auto sensing)							
	Wave form	Pure sine wave							
OUTPUT	Voltage	220 Vac ± 5% for Wise xx11							
		220 Vac ± 2.5% for Wise MPxx11							
	Frequency	Synchronize with input							
	Wave form	Pure sine wave (sinusoidal)							
	Total harmonic distortion	Less than 0.2% THD							
	Overload capability	100% for continuous load						100% for continuous load	
		150% for 1 min.						150% for 1 min.	
1000% for 1 cycle									
Crest factor ratio	3:1								
EFFICIENCY	AC to AC (at full load)	More than 96%							
SYSTEM PROTECTION	Overload	Automatic shutdown with manual restart or auto restart (selectable)							
	Over/under voltage	Automatic shutdown with manual restart or auto restart (selectable)							
	Short circuit	Circuit breaker							
	Surge energy dissipation	400 joules (40 kA)							
	Surge clamping voltage	710 Vp							
	Power dissipation	5,500,000 W within 100 microsec.							
	EMI / RFI dissipation	100 kHz - 80 MHz							
	Attenuation	More than 36 dBA							
MANUAL CONTROLS	Maintenance bypass switch	yes							
INDICATOR	Front panel LED's	AVR, Alarm							
	LCD Display	Input voltage, input frequency, output voltage, output current, %load, system status							
	Analog Meter	Output voltage, output current							
AUDIBLE ALARM		Overload, over voltage, under voltage							
ACOUSTIC NOISE	At 1 metre	Less than 50 dBA							
ENVIRONMENT	Temperature	0°C to 45°C							
	Humidity	0 - 95% (non-condensing)							
PHYSICAL DIMENSIONS	W x H x D (cm.)	40 x 90 x 65						TBA	
WEIGHT	Approximate in kg.	90		96	101	TBA			

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