

## Wise HPX

### HIGH PRECISION AVR

#### Servo Motor Automatic Voltage Regulator

- Digital Microprocessor controlled
- Single-phase automatic voltage stabilizer
- Input voltage range is -25%, +15% of nominal voltage
- Selectable output voltage is 220, 230, 240 Vac
- Pure sine wave output
- Output digital multimeter
- Overload and short circuit protection
- Transient voltage surge suppression



*Wise HPX-2511*  
*Wise HPX-3511*  
*Wise HPX-4511*  
*Wise HPX-6011*  
*Wise HPX-8011*  
*Wise HPX-10011*

### 25-100kVA Single-phase AVR

LEONICS Wise HPX-series automatic voltage stabilizer has proven to be an effective solution able to prevent potentially dangerous situations created by input voltage instability. It is suitable for telecommunication system, hospital, radar installation, military industry, food industry, banks, laboratories, etc, where devices sensitive to voltage variations.

## Wise HPX HIGH PRECISION AVR

### SPECIFICATIONS

MODEL		Wise HPX-2511	Wise HPX-3511	Wise HPX-4511	Wise HPX-6011	Wise HPX-8011	Wise HPX-10011
RATED POWER		25 kVA	35 kVA	45 kVA	60 kVA	80 kVA	100 kVA
INPUT	Voltage variation range	-25%, +15%					
	Voltage range	165 - 253 Vac (referred to 220Vac nominal voltage)					
	Maximum input current	151 A	212 A	272 A	363 A	484 A	606 A
	Frequency	50 / 60 Hz ± 5%					
	Wave form	pure sine wave					
OUTPUT	Voltage	Selectable voltage 220, 230, 240 Vac					
	Accuracy	± 0.5%					
	Current	113 A	159 A	204 A	272 A	363 A	454 A
	Frequency	50 / 60 Hz ± 5%					
	Wave form	pure sine wave					
	Admitted load variation	Up to 100%					
	Admitted load imbalance	100%					
	Overload capability	200% for 2 min.					
	Response time	14 ms/V					
	EFFICIENCY	AC to AC (at full load)	more than 98%				
PROTECTION	Overload and short circuit	automatic circuit breaker and fuses					
	Surge protection	yes					
	EMI / RFI filters	option					
MANUAL CONTROLS	Maintenance bypass	option					
INDICATOR	Front panel display and digital metre monitoring	Output digital multimeter					
AUDIBLE ALARM		Maximum & minimum voltage, over temperature, overload					
COOLING		Natural air ventilation (aided with fans)					
ENCLOSURE	Protection degree	IP21					
ENVIRONMENT	Ambient temperature	-25°C to 45°C					
	Storage temperature	-25°C to 60°C					
	Max. relative humidity	95%					
DIMENSION	W x H x D (mm)	410 x 1200 x 680	600 x 1600 x 600	600 x 1600 x 800		600 x 1800 x 800	
WEIGHT	Approx. in kg	190	210	330	400	560	660

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

Authorized Distributor

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