

Wise HPX

HIGH PRECISION AVR

Servo Motor Automatic Voltage Regulator

10-45kVA Three-phase AVR

- Digital Microprocessor controlled
- Three-phase independent phase control automatic voltage stabilizer
- Input voltage range is 300 - 460 Vac
- Selectable output voltage is 220, 230, 240 Vac (L-N) / 380, 400, 415 Vac (L-L)
- Pure sine wave output
- One multi-task digital line analyser (Input voltage status, phase, current, power factor, active power, apparent power, reactive power, etc.)
- Output digital multimeter
- Overload and short circuit protection
- Transient voltage surge suppression

60-400kVA Three-phase AVR

- 2-Way DSP Microprocessor controlled
- Three-phase independent phase control automatic voltage stabilizer
- Input voltage range is 300 - 500 Vac
- PC adjustable output voltage (at 400Vac rated voltage) from 210 - 255 Vac (L-N) / from 360 - 440Vac (L-L)
- Pure sine wave output
- Two multi-task digital line analyser (Input voltage status, phase, current, power factor, active power, apparent power, reactive power, etc.)
- LED status display and input&output digital multimeters
- Overload and short circuit protection
- Transient voltage surge suppression
- Modular cabinets suitable for any industrial environment

Wise HPX-1033

Wise HPX-3033

Wise HPX-4533



Wise HPX-6033

Wise HPX-8033

Wise HPX-10533

Wise HPX-12033

Wise HPX-20033

Wise HPX-30033

Wise HPX-40033



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.

SPECIFICATIONS

MODEL		Wise HPX-1033	Wise HPX-3033	Wise HPX-4533	Wise HPX-6033	Wise HPX-8033	Wise HPX-10533	Wise HPX-12033	Wise HPX-20033	Wise HPX-30033	Wise HPX-40033	
RATED POWER		10 kVA	30 kVA	45 kVA	60 kVA	80 kVA	105 kVA	120 kVA	200 kVA	300 kVA	400 kVA	
INPUT	Voltage variation range	-25%, +15%				± 25%						
	Voltage range	300 - 460 Vac				300 - 500 Vac						
	Maximum input current	20 A	60 A	90 A	121 A	161 A	212 A	242 A	404 A	606 A	808 A	
	Frequency	50 / 60 Hz ± 5%										
	Wave form	pure sine wave										
OUTPUT	Voltage	Selectable voltage 220, 230, 240 Vac (L-N) / 380, 400, 415 Vac (L-L)				PC Adjustable voltage from 210 - 255 Vac (L-N) / 360 - 440 Vac (L-L)						
	Accuracy	± 0.5%										
	Current	15 A	45 A	68 A	90 A	121 A	159 A	181 A	303 A	454 A	606 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	14 ms/V	14 ms/V	10 ms/V	10 ms/V	11 ms/V	12 ms/V	12 ms/V	12 ms/V	12 ms/V	
EFFICIENCY	AC to AC (at full load)	more than 96%	more than 98%		more than 98%							
PROTECTION	Overload and short circuit	automatic circuit breaker and fuses				automatic circuit breaker						
	Surge protection	yes										
	EMI / RFI filters	option										
MANUAL CONTROLS	Maintenance bypass	option										
INDICATOR	Front panel display and digital metre monitoring	Output digital multimeter				LED status, Input and output digital multimeter						
AUDIBLE ALARM		Maximum & minimum voltage, over temperature, overload				Maximum & minimum voltage, maximum current, over temperature, ventilation failure						
COOLING		Natural air ventilation				Natural air ventilation (aided with fans over 45°C)						
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)	390x1050x520	410x1200x670	600x1500x700	600 x 1800 x 800		1200 x 1800 x 800			1200x2000x800	1200x2000x1000	
WEIGHT	Approx. in kg	120	220	330	490	580	760	850	1200	1400	1600	

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

Authorized Distributor

LEO POWER SUPPLY CO.,LTD.

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