

Wise High Precision AVR

HP-series

- Single phase AVR
- Three phase AVR

• Single phase AVR

POWER LINE CONDITIONER AND LINEAR AUTOMATIC VOLTAGE STABILIZER

- Microprocessor controlled
- Linear stabilizer (Continuous voltage stabilizer)
- EMI/RFI and Power line noise protection
- Transient voltage surge suppression
- Overload and Short circuit protection
- Over and Under voltage protection
- LED and LCD display

SERVO-MOTOR AUTOMATIC VOLTAGE STABILIZER

- Transient voltage surge suppression
- Over current protection
- EMI and RFI interference filter (optional)
- LED and LCD display

• Three phase AVR

SERVO-MOTOR AUTOMATIC VOLTAGE STABILIZER

- Microprocessor controlled
- Three phase independent phase control automatic voltage stabilizer
- Transient voltage surge suppression
- Phase indicator lamps
- Phase selector switch Voltmeter and Ampmeter
- Over current protection (upto 150kVA model)
- LED and LCD display
- Analog output volt meter and amp meter
- EMI and RFI interference filter (optional)

ISO 9001
14001
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SPECIFICATIONS

MODEL		SINGLE PHASE		THREE PHASE
POWER RATING		3.5 kVA	5 kVA - 30 kVA	3 kVA - 1000 kVA
INPUT	Voltage	220 Vac ± 25% (165 Vac - 275 Vac)	220 Vac - 20%, +10% (176 Vac - 242 Vac)	380 Vac - 25%, +10% (3 phase 4 wires) (285 Vac - 420 Vac)
	Frequency	50/60 Hz		50/60 Hz
	Wave form	sine wave		sine wave
OUTPUT	Voltage	220 Vac ± 1%		380 Vac ± 1%
	Frequency	50/60 Hz		50/60 Hz
	Wave form	sine wave		sine wave
EFFICIENCY		more than 95%		more than 95%
SYSTEM PROTECTION	Overload / Over current	automatic shutdown	MCB/auto shutdown	MCB / MCCB (up to 150 kVA) / auto shutdown
	Over / Under voltage	automatic shutdown	alarm/automatic shutdown	automatic shutdown
	Short circuit	circuit breaker	MCB / MCCB	MCB/MCCB (up to 150 kVA)
	Phase loss sensing	-	-	phase sensing relay (optional)
	EMI/RFI dissipation	100 kHz - 80 MHz	optional	optional
TVSS protection (Surge)		standard		standard
MANUAL CONTROLS		optional		standard
INDICATOR	Maintenance bypass		optional	
	Front panel LED's		AVR ON, Alarm	
	LCD Display	Standard	Input voltage, Input frequency, Output voltage, Output current, Output Power factor, Load (kVA), %Load, Power (kW)	
		Optional	Output Power factor, Load (kVA), Power (kW)	
Analog meter		-		
ENVIRONMENT		0°C to 45°C		0°C to 45°C
Temperature		0 - 95% (non-condensing)		0 - 95% (non-condensing)
Humidity				

MODEL	CABINET TYPE	RATED OUTPUT	INPUT VARIATIONS	RATED CURRENT	OUTPUT ACCURACY	DIMENSION W x H x D (mm.)	WEIGHT (kg.)
SINGLE PHASE 220 Vac POWER LINE CONDITIONER AND LINER AUTOMATIC VOLTAGE STABILIZER							
WISE HP-3500	Tower	3.5 kVA	± 25%	15.90 A	±1%	240 x 350 x 400	22
	Wall mount	3.5 kVA	± 25%	15.90 A	±1%	295 x 360 x 250	22
SINGLE PHASE 220 Vac SERVO-MOTOR AUTOMATIC VOLTAGE STABILIZER							
WISE HP-0511	3	5 kVA	-20%, +10%	22.72 A	±1%	400 x 735 x 370	40
WISE HP-0711	3	7.5 kVA	-20%, +10%	34.09 A	±1%	400 x 735 x 370	55
WISE HP-1011	3	10 kVA	-20%, +10%	45.45 A	±1%	400 x 735 x 370	70
WISE HP-1511	3	15 kVA	-20%, +10%	68.18 A	±1%	520 x 990 x 420	103
WISE HP-2011	3	20 kVA	-20%, +10%	90.90 A	±1%	520 x 990 x 420	128
WISE HP-2511	3	25 kVA	-20%, +10%	113.63 A	±1%	520 x 1025 x 420	146
WISE HP-3011	3	30 kVA	-20%, +10%	136.36 A	±1%	520 x 1025 x 420	163
THREE PHASE 380 Vac INDEPENDENT PHASE CONTROL AUTOMATIC VOLTAGE STABILIZER							
WISE HP-0333	3	3 kVA	-25%, +10%	4.54 A	±1%	320 x 765 x 585	53
WISE HP-0633	3	6 kVA	-25%, +10%	9.09 A	±1%	320 x 765 x 585	76
WISE HP-1033	3	10 kVA	-25%, +10%	15.15 A	±1%	320 x 765 x 585	80
WISE HP-1533	3	15 kVA	-25%, +10%	22.73 A	±1%	570 x 1395 x 560	140
WISE HP-2033	3	20 kVA	-25%, +10%	30.30 A	±1%	570 x 1395 x 560	166
WISE HP-3033	2	30 kVA	-25%, +10%	45.45 A	±1%	570 x 1395 x 560	196
WISE HP-4033	2	40 kVA	-25%, +10%	60.61 A	±1%	570 x 1395 x 560	240
WISE HP-4533	2	45 kVA	-25%, +10%	68.18 A	±1%	570 x 1395 x 560	255
WISE HP-5033	2	50 kVA	-25%, +10%	75.76 A	±1%	570 x 1395 x 560	280
WISE HP-6033	2	60 kVA	-25%, +10%	90.91 A	±1%	660 x 1550 x 580	343
WISE HP-7533	2	75 kVA	-25%, +10%	113.64 A	±1%	660 x 1550 x 580	405
WISE HP-10033	2	100 kVA	-25%, +10%	151.52 A	±1%	600 x 1600 x 740	510
WISE HP-12533	2	125 kVA	-25%, +10%	189.39 A	±1%	1400 x 1800 x 900	812.40
WISE HP-15033	2	150 kVA	-25%, +10%	227.27 A	±1%	1400 x 1800 x 900	887.40
WISE HP-20033	1	200 kVA	-25%, +10%	303.03 A	±1%	1400 x 1800 x 900	978.90
WISE HP-25033	1	250 kVA	-25%, +10%	378.79 A	±1%	1650 x 2000 x 1050	1353
WISE HP-30033	1	300 kVA	-25%, +10%	454.55 A	±1%	1650 x 2000 x 1050	1426.50
WISE HP-40033	1	400 kVA	-25%, +10%	606.06 A	±1%	1650 x 2000 x 1150	1693
WISE HP-50033	1	500 kVA	-20%, +10%	757.58 A	±1%	1650 x 2000 x 1750	2424
WISE HP-60033	1	600 kVA	-20%, +10%	909.09 A	±1%	1650 x 2000 x 1750	2556
WISE HP-70033	1	700 kVA	± 10%	1060.61 A	±1%	1650 x 2000 x 1750	2739
WISE HP-100033	1	1000 kVA	± 10%	1515.15 A	±1%	1650 x 2000 x 1750	4025

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