

## AVR 33 Series

### AVR 33 Series Full Automatic AC Servo Voltage Stabilizers 3 kVA to 150

- UPSet AVR 33 Series 3 phase in / 3 phase out (3-150 kVA)
- UPSet AVR 33 series are three phase voltage stabilizers regulates mains voltage and brings many advantages.
- Non-linear charges drive
- 3 phase input 3 phase output
- Wide power and voltage range
- Fast Regulation
- High reliability thanks to Microprocessor and Smart Driver
- High efficiency
- Load transfer to Bypass via pole charge switch
- Safe and economic usage
- Overcurrent and overload protection (Optional)
- Digitally displayed status, input & output measurements



#### AVR 33 Series Technical Specifications

MODEL	3303	3306	3310	3315	3320	3330	3345	3360	3375	33100	33120	33150
CAPACITY	3kVA	6kVA	10.5kVA	15kVA	22.5kVA	30kVA	45kVA	60kVA	75kVA	100kVA	120kVA	150kVA
INPUT												
Voltage Correction Range	275-450VAC											
Voltage Operating Range	155-490VAC											
Operating Frequency	47-65Hz											
Protection	Overcurrent, Low and High Voltage Protection											
OUTPUT												
Voltage	380/400/415VAC±2%											
Overload	10 sec at 200% load											
Correction Speed	90 volt/second											
Uptorn Period	90 volt/second (160-250VAC)											
Protection	Overload, Overcurrent, Low and High Voltage Protection											
Working Type	Servo Motor, Microprocessor Controlled, Full Automatic											
GENERAL												
Cooling	Smart Fan System											
Display	RMS panel voltmeter, output voltage and line voltage											
Efficiency	>96%											
Mechanical By-Pass	Manually Controlled - PAKO Switch selects Voltage Regulator / Switch Turn On/Off											
Protection Level	IP20											
ENVIRONMENTAL												
Operating Temperature	0°C / 40°C											
Storage Temperature	-25°C / +60°C											
Relative Humidity	0 - 90% (non-condensing)											
Altitude	<2000m											
Acoustic Noise	<50dB at 1 meter											
DIMENSIONS												
H*W*D cm	110*50*45					120*60*45		140*85*65			165*90*70	
Weight kg	55	65	120	135	154	183	237	330	356	456	545	565

