

AVR II Series

Full Automatic AC Servo Voltage Stabilizers 1 kVA to 50 kVA

- UPSet AVR II series 1 phase in / 1 phase out (1-50 kVA)
- UPSet AVR II series are single phase voltage stabilizers regulate mains voltage and bring many advantages.
- Non-linear charges drive
- 1 phase input & 1 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 II SERIES LINE INTERACTIVE TECHNICAL SPECIFICATIONS

| MODEL | 1101 | 1102 | 1103 | 1105 | 1107 | 1110 | 1115 | 1120 | 1125 | 1130 | 1140 | 1150 | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|--|------|--------|----------|--------|-------|----------|-------|-------|----------|-------|-------|----------|--|--|----------|--|--|----|--|--|-----|--|--|-----|--|--|-----|--|--|-----|--|--|-----|--|--|
| CAPACITY | 1kVA | 2kVA | 3.5kVA | 5kVA | 7.5kVA | 10kVA | 15kVA | 20kVA | 25kVA | 30kVA | 40kVA | 50kVA | | | | | | | | | | | | | | | | | | | | | | | | |
| INPUT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Voltage Correction Range | 160-260VAC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Voltage Operating Range | 90-285VAC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Operating Frequency | 47-65Hz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Protection | Overcurrent, Low and High Voltage Protection | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OUTPUT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Voltage | 220/230/240VAC±2% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Overload | 10 sec at 200% load | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Correction Speed | 90 volt/second | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Uptorn Period | 90 volt/second (160-260VAC) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | 23*42*23 | | | 27*45*35 | | | 27*55*35 | | | 32*60*40 | | | 85*50*50 | | | 85*50*70 | | | | | | | | | | | | | | | | | | | | |
| Weight kg | 15 | | | 16 | | | 29 | | | 40 | | | 47 | | | 55 | | | 75 | | | 125 | | | 136 | | | 163 | | | 180 | | | 210 | | |



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