

AVR 11 Series

Full Automatic AC Servo Voltage Stabilizers

1 kVA to 50 kVA

- UPSet AVR 11 series 1 phase in / 1 phase out (1-50 kVA)
- UPSet AVR 11 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 11 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	



ISO 9001:2008