

AVR 33 SERIES

200-3000kVA

Full Automatic Voltage Stabiliser



Product

Features

- Non-linear charges drive
- 3 phase input 3 phase output
- Wide power and voltage interval
- High reliability thanks to Microprocessor and Smart Driver
- Fast regulation
- High efficiency
- Load transfer to Bypass via pole charge switch
- Safe and economic usage
- Overcurrent and overload protection
- Digitally displayed status, input & output measurements

Model	AVR 200	AVR 250	AVR 300	AVR 400	AVR 500	AVR 600	AVR 800	AVR 1000	AVR 1250	AVR 1500	AVR 1600	AVR 2000	AVR 2500	AVR 3000
Power kVA	200	250	300	400	500	600	800	1000	1250	1500	1600	2000	2500	3000

Input

In. Vol. Correct. Interval	190 - 485/275 - 450/310 - 450 VAC
In. Vol. Operating. Interval	155 - 490 VAC
Operation Frequency	47...65 Hz
Line Input Protection	Overcurrent, Low and High voltage protection

Output

Output Voltage	380/400/415 VAC RMS \pm 1%
Overloading	10.Sec 200% Load
Correction Speed	~ 90 Volt/Sec
Upturn Period	~ 90 Volt/Sec (190 VAC – 250 VAC)
Output Protection	Protects load by opening the circuit when overburden, short circuit occurs.

General

Working Principle	Servo motor, Microprocessor controlled, full Automatic
Cooling	Smart fan system
Measure Value Monitor.	True RMS panel voltmeter (74mmx74mm) output voltage and line voltage monitorization
Total Efficiency	> 97%
Mechanical Bypass	"Manually controlled line – PAKO switch select voltage regulator" switch turn on/off
Protection Level	IP 20

Environmental

Working Temperature	-10°C to 50°C
Storage Temperature	-25°C to 60°C
Relative Humidity	< 90 %, DIN (40040)
Working Altitude	< 3000 m.
Acoustic Level	< 50 dB (1m ²)
Standards	CE / ISO 9001

Dimensions

HxWxD (cm)	122x180x120	170x60x117	152x180x120	185x210x120	185x210x200	185x210x260	195x240x260	Please ask					
Weight (kg)	1050	1100	1200	1650	2000	2100	2900	3450	3900	4300	4750	6000	Please ask