

AVR Series

One Phase 1 - 200 kVA / Three Phase 6 - 3200 kVA

- Servo Motor Controlled Technology
- Reliable Stabilization for Secure Energy
- 1 pc (digital) voltmeter (@ One phase version)
- 3 pcs (digital) voltmeter (@ Three phase version)
- Phase Independent Voltage Regulation (@ Three phase version)
- High efficiency at all Powers
- Short circuit protection
- Manual by-pass switch
- Overload, short circuit, over-temperature and over-voltage protections
- Fast response for fluctuations
- Adjustable precise tolerance limits from front panel
- Fan cooling with timer
- Fault signal (Light & Buzzer)
- High - low voltage protection (breaker module option)
- Comply with CE, ISO9001, ISO14001 standards
- Wide Voltage Range version (optional)



TECHNICAL SPECIFICATIONS

MODEL	Single phase	Three phase
Power (kVA)	1-200 kVA	6-3200 kVA
INPUT		
Nominal Voltage	220 VAC 1Ph+N	380 VAC 3Ph+N
Voltage Range (Normal Range)	160-240 VAC (Ph+N)	
Voltage Range (Wide Range-optional)	135-245 VAC (Ph+N)	
Frequency	50 / 60 Hz	
OUTPUT		
Phase Number	1Ph + N + PE	3Ph + N + PE
Nominal Voltage	200 V AC / 220 V AC / 240 V AC (Ph+N) (Adjustable from front panel)	
Output Voltage Tolerance	2% (Adjustable from Menu)	
Response Time	200 Vac / sec	
Frequency Speed	Frequency @ 50Hz: 20ms - / Frequency @60Hz: 50 ms	
Output delay time adjustment	1 sec to 10 sec (Adjustable from Menu)	
Overload	Running 3 sec at 150% load	
Efficiency	Up to 97% at full load	
GENERAL PARAMETERS		
Mechanic By-Pass	With Manual Switch	
Automatic By-Pass	Optional	
Cooling System	Smart Fan	
Harmonic Distortion	No effect	
Input voltage / Output voltage Display	TRUE RMS (Adjustable from Menu)	
Display Panel	2x3 Digit red led display	
ENVIRONMENT		
Operating Temperature	- 10°C + 50°C (20°C - 25°C recommended range for Long Battery Life)	
Storage Temperature	-25°C - +55°C (15°C - 40°C recommended range for Long Battery Life)	
Humidity	0 - 95% (non-condensing)	
Altitude	<3000 Metre	
Noise Level (from 1m distance)	<50 dB	
Protection Class	IP20	

*Breaker module maintains low/high voltage protection & Phase missing protection and it is optional.

*Physical size and weight information of the product varies according to the voltage range version and options equipped.