

OVR SERIES

Automatic Voltage Regulator

Product Description

OVR Series, Servo Automatic Voltage Regulator, is designed to produce high-quality, stable electric power supply in the event of significant and continuous deviation of mains voltage. OVR AVR is monitored and controlled by high performance digital controlled circuit.

OVR AVR optimized power solution to many electronic appliances that are sensitive to voltage fluctuations. It provides protection to costly and precious electrical equipment to from harmful low/high voltage fluctuations.



Key Features

- High efficiency, High reliability
- Modular construction for easy customization
- Continuous voltage regulation and uninterrupted transfer
- Separate management of each phase.
- Voltage regulation on Network fluctuations and unbalanced loads
- Monitoring and managing of output current and settings
- External maintenance by-pass
- Short circuit and over load protection
- Ability to work with non-linear loads
- Easy, front panel Access for Service / Installation
- Noise Attenuation
- RS232 and Dry Contacts alarm communication
- Guarantee of 10 years spare parts availability
- Compatible with ISO 9001, ISO 14001 and CE standards

Options:

- Wide input voltage range
- Phase Protection for any phase failure
- RFI / HARMONIC filter
- Advanced LCD panel providing detailed information
- Microprocessor controlled
- RS485/TCP/SNMP Communication for remote monitoring and control
- Customisable enclosure color & IP protection

Applications

- Hospitals
- Buildings
- Constructions
- Manufacturing Companies,

Technical Specifications

OVR SERIES AUTOMATIC VOLTAGE REGULATOR											
SERVO AVR		INPUT			OUTPUT						
MODEL	POWER (KVA) PF0.8	VOLTAGE / FREQUENCY	VOLTAGE TOLERANCE	MAX. CURRENT	VOLTAGE / FREQUENCY	VOLTAGE TOLERANCE	MAX. CURRENT				
OVR-101	1	220-240 Vac Single Phase Neutral 30 – 70 Hz	160-245 Vac	5 A	220 - 240Vac Single Phase 50–60 Hz +/-10%	±2 % (Ops.) ±3 % (Ops.)	3.5 A				
OVR-102	2			10 A			7.0 A				
OVR-1035	3.5			17.5 A			13.0 A				
OVR-105	5			25 A			18.0 A				
OVR-1075	7.5			37.5 A			27.0 A				
OVR-110	10			50 A			36.0 A				
OVR-115	15			75 A			55.0 A				
OVR-120	20			100 A			73.0 A				
OVR-125	25			125 A			91.0 A				
OVR-130	30			150 A			109.0 A				
OVR-150	50			250 A			180.0 A				
OVR-303	3			380-415 Vac Three Phase Neutral 30 – 70 Hz			3* 277 Vac To 3* 424 Vac	5.0 A	3* 380 Vac To 3* 415 Vac Three Phase 50–60 Hz +/-10%	±2 % (Ops.) ±3 % (Ops.)	3.6 A
OVR-306	6							10.0 A			7.3 A
OVR-310	10	16.5 A	12.0 A								
OVR-315	15	25.0 A	18.3 A								
OVR-325	25	41.5 A	30.3 A								
OVR-330	30	50.0 A	36.4 A								
OVR-345	45	75.0 A	54.5 A								
OVR-360	60	100.0 A	73 A								
OVR-375	75	125.0 A	91 A								
OVR-390	90	150.0 A	110 A								
OVR-3110	110	183.0 A	133 A								
OVR-3120	120	200.0 A	146 A								
OVR-3150	150	250.0 A	182 A								
OVR-3220	220	367.0 A	267 A								
OVR-3270	270	450.0 A	327 A								
OVR-3330	330	550.0 A	400 A								
OVR-3360	360	600.0 A	436 A								
OVR-3400	400	667.0 A	485 A								
OVR-3500	500	833.0 A	610 A								
OVR-3600	600	1000.0 A	727 A								
OVR-3750	750	1250.0 A	910 A								
OVR-31000	1000	1667.0 A	1212 A								
OVR-31500	1500	2500.0 A	1820 A								
Operating & Storage Temp.	OT: 0°C to +50°C & ST: -10°C to +60°C										
Over Load	110% @ load 10mins; 125% @ load 1mins; 150% @ load 10 Sec; >150% @ load 1 sec. then Output Off										
Response Time (V/sec)	80 V/sec										
Efficiency	95% - 97%										
Cooling & Relative Humidity	Fan Forced Cooling(Standard), Natural Cooling(Optional) & 0 - 90% (Non-condensing)										
Noise Level *(1 m away)	< 45 - 65 dB *depending on capacity										
Front Panel Functions	Output Voltage V (analog) "Regulator Working" warning (light) Maintenance By-Pass to select Network Controller with Switch										