

SERVO REGULATOR (1 – 3000kVA)



Energy
Power
Conversion

Tailors of the Industry

OVR SERIES



FEATURES

- Microprocessor control
- 90 V/sn voltage regulation speed
- Non-linear load regulation
- Independent phase operation
- Wide power and voltage interval
- High efficiency, low noise
- Manual Bypass and low MTBF
- Overload, Short-circuit protection
- Smart Fan cooling system
- Small footprint and compact design
- Harsh environment operation
- Dust, humid and vibration resistance
- Low Voltage protection (OPT.)
- Phase and surge protection (OPT.)
- 10 years spare parts warranty
- Fast aftersales & technical service



SERVO REGULATOR (1 – 50KVA)

MODEL	1101	1102	1103	1105	1107	1110	1115	1120	1125	1130	1140	1150
POWER (kVA)	1	2	3.5	5	7.5	10	15	20	25	30	40	50
INPUT												
Input VAC Reg. Range	160-260 VAC / 110 – 240 VAC											
Input VAC Op. Range	90- 285VAC											
Operation Frequency	47 - 65 Hz											
Line Input Protection	Over Current, Low and High Voltage protection											
OUTPUT												
Output Voltage	220/230/240 VAC RMS ±1%											
Overload	10 sec. %200 load											
Regulation Speed	~ 90 Volt/ sec.											
Efficiency	>%96											
Upturn Period	~ 90 Volt/ sec. (160 VAC- 260 VAC)											
Output Protection	Protects Load by opening the circuit when overburden, short circuit occurs											
Operation Topology	Servo Motor Microprocessor Controlled, Full automatic											
GENERAL & ENVIRONMENTAL												
Cooling	Smart Fan System											
Front Panel Display	AC Power Analyzer (1 Phase)											
Mechanical By-Pass	Changover Switch (MAINS – REGULATOR)											
Protection Level	IP20 / IP22- IP66 (OPT.)											
Working Temperature	-10°C/50°C											
Storage Temperature	-25°C/+60°C											
Relative Humidity	< 90%, DIN (40040)											
Working Altitude	< 2000 m											
Acoustic level	< 50 dB											

DIMENSION TABLE					
PRODUCT CODE	POWER	DIMENSIONS (cm)			WEIGHT (kg)
		W	D	H	
OVR1101	1	45	35	27	15
OVR1102	2				18
OVR1103	3,5				29
OVR1105	5				41
OVR1107	7,5	55	35	27	48
OVR1110	10				55
OVR1115	15	60	40	27	75
OVR1120	20				75
OVR1125	25	50	50	85	136
OVR1130	30				163
OVR1140	40				180
OVR1150	50	50	60	85	200

SERVO REGULATOR (1 – 150KVA)

MODEL	3003	3006	3010	3015	3020	3030	3045	3060	3075	3100	3120	3150
Power (kVA)	3	6	10.5	15	22.5	30	45	60	75	100	120	150
INPUT												
Input VAC Reg. Range	275-450 VAC (190- 415 VAC OPT.)											
Input VAC Op. Range	155 – 490 VAC											
Operation Frequency	47 - 65 Hz											
Line Input Protection	Over Current, Low and High Voltage protection											
OUTPUT												
Output Voltage	380/400/415 VAC (RMS ±1%)											
Overloading	10 sec. %200 load											
Regulation Speed	~ 90 Volt/ sec.											
Total Efficiency	>%96											
Upturn Period	~ 90 Volt/ sec. (275 VAC- 450 VAC)											
Output Protection	Protects Load by opening the circuit when overburden, short circuit occurs											
Operation Topology	Servo Motor Microprocessor Controlled, Full automatic											
GENERAL & ENVIRONMENTAL												
Cooling	Smart Fan System											
Front Panel Display	AC Power Analyzer (3 Phase)											
Mechanical By-Pass	Changover Switch (MAINS – REGULATOR)											
Protection Level	IP 20											
Working Temperature	-10°C/50°C											
Storage Temperature	-10°C/50°C											
Relative Humidity	< 90%, DIN (40040)											
Working Altitude	< 2000 m											
Acoustic level	< 50 dB											

DIMENSION TABLE					
PRODUCT CODE	POWER	DIMENSIONS (cm)			WEIGHT (kg)
		W	D	H	
OVR33003	3	50	44	110	65
OVR33006	6				90
OVR33010	10,5				125
OVR33015	15				135
OVR33020	22,5				154
OVR33030	30	60	44	120	181
OVR33045	45				227
OVR33060	60	85	64	140	330
OVR33075	75				356
OVR11100	100				456
OVR11120	120	90	69	150	520
OVR11150	150				600

SERVO REGULATOR (200 – 3000KVA)

MODEL	33 0200	33 0250	33 0300	33 0400	33 0500	33 0600	33 0800	33 1000	33 1250	33 1500	33 2000	33 2500	33 3000
POWER (kVA)	200	250	300	400	500	600	800	1000	1250	1500	2000	2500	3000
INPUT													
Inp VAC Reg. Range	275-450 VAC (190- 415 VAC OPT.)												
Operation Frequency	47 - 65 Hz												
Line Input Protection	Over Current, Low and High Voltage protection												
OUTPUT													
Output Voltage	380/400/415 VAC (RMS ±1%)												
Overload	10 sec. %200 load												
Regulation Speed	~ 90 Volt/ sec.												
Efficiency	>%96												
Upturn Period	~ 90 Volt/ sec. (160 VAC- 260 VAC)												
Output Protection	Protects Load by opening the circuit when overburden, short circuit occurs												
Operation Topology	Servo Motor Microprocessor Controlled, Full automatic												
GENERAL & ENVIRONMENTAL													
Cooling	Smart Fan System												
Front Panel Display	AC Power Analyzer (3 Phase)												
Mechanical By-Pass	Changover Switch (MAINS – REGULATOR)												
Protection Level	IP20												
Working Temperature	-10°C/50°C												
Storage Temperature	-25°C/+60°C												
Relative Humidity	< 90%, DIN (40040)												
Working Altitude	< 2000 m												
Acoustic level	< 55 dB												

DIMENSION TABLE

PRODUCT CODE	POWER	DIMENSIONS (cm)			WEIGHT (kg)
		H	W	D	
OVR330200	200	122	180	120	1050
OVR330250	250				1100
OVR33300	300				1200
OVR330400	400	140	180	122	1650
OVR330500	500	175	180	122	2000
OVR330600	600				2100
OVR330800	800	185	210	122	2900
OVR331000	1000	185	210	200	3450
OVR331250	1250				3900
OVR331500	1500	185	210	260	4300
OVR332000	2000	195	240	260	6000
OVR332500	2500	Special			
OVR333000	3000				