

ONIXS AC AUTOMATIC VOLATAGE REGULATOR



ONIXS Servo Motor Control Stabilizer is a High Technologic solution for operation of your sensitive devices without any problem wherever the main supply is not trusted. Produced of high quality materials, that can operate with high efficiency under extreme & fast Voltage changing conditions Thus, it has extremely high speed response. Easy usage with its compact design, maintenance free and long life facilities.

Applications:

- Computer & Computer Peripherals
- Auto-Testing Equipments
- Electronics & Medical Equipments
- Alarm & Security System
- Automatic Production line
- Medical Monitoring Systems
- Tele Communication System
- Photographic Processing Equipments
- Calculating Mechanics
- SMT Equipments

- Industries Equipments
- Numeric Control Machine Tools
- OA Equipments
- Industrial Robots
- Laboratory Instruments
- Elevators
- Process Control Systems
- OPD Terminals
- Auto Process Control Equipments
- Tv & Radio Broadcasting Stations

ONIXS SERVO MOTOR CONTROL STABILIZER

TECHNICAL SPECIFICATIONS

Model #	SA-500	SA-1000	SA-1500	SA-2	SA-3	SA-5	ST-6	ST-10	ST-15	ST-20	ST-30	ST-40
Capacity	500VA	1 KVA	1.5 KVA	2 KVA	3 KVA	5 KVA	6 KVA	10 KVA	15 KVA	20 KVA	30 KVA	40 KVA
Model #	SA-7.5	SA-10	SA-20	SA-30	SA-40	SA-50	ST-45	ST-50	ST-60	ST-80	ST-90	ST-100
Capacity	7.5 KVA	10 KVA	20 KVA	30 KVA	40 KVA	50 KVA	45 KVA	50 KVA	60 KVA	80 KVA	90 KVA	100 KVA

Input

Input Voltage	220VAC / 230VAC Two Wire With Ground	380VAC / 400VAC For Wire with Ground
Input Voltage Range	140VAC - 260VAC	140VAC ~ 260VAC (242VAC - 449VAC)
Phase	Single Phase	Three Phase

Output

Output Voltage	220VAC / 230VAC 1 Phase Stabilized	400VAC RMS Stabilized 3 Phase
Output Voltage Accuracy	±2%	
Frequency	50 / 60HZ	
Power Factor	0.8	

General

Admitted Load Variation	0 to 100%	
Admitted Load Unbalance	Up to 100%	
Correction Speed	Within 1.5 Sec as Input Vary 10% Nominal	
Wave Form Distortion	None Addition Wave Form Distortion	
Efficiency	>95%	
Response Time	<1 Secondy Against 10% Input Voltage Deviation	
Insulation Resistance	>2MΩ	
Insulation Grade	E Grade (According China Standard)	
Protection Function	Over Voltage (Input More 260V & Output More Than 240V) Under Voltage Less Than 150V, Over Load, Short Circuit Delay Time Choice (Long Delay Around 3 Minutes, Short Delay Time 3-5 Second)	Over Voltage, Under Voltage, Over Load, Short Circuit Delay Time Choice Surge Protect, EMI, Phase-Sequence & Phase Fail & Phase Un-Balance Protection
Control System	DC Servo Motor	
Style	Stand Alone Style	
Cooling System	Free Convection Cooled	
Ambient Temperature	-10 °C to + 40 °C	
Storage Temperature	-20 °C to + 60 °C	
Relative Humidity	90% (Without Condensate)	
Over Load	Protection of Over Load limit Should be on 140% for 30 Minutes, 160% for 5 Minutes.	200% 2 Sec
Display Meters	LCD AMP & Volts Meters	
Dielectric Strength	1500VAC / 1 Min	
Safety Certificate	CE	
Acoustic Level	< 39 dBA (1 Meter Square)	
Operating Altitude	< 2000 Meter	
Correction Duration	< 10s	
Inrush Current Capability	160% for 5 Minutes	