

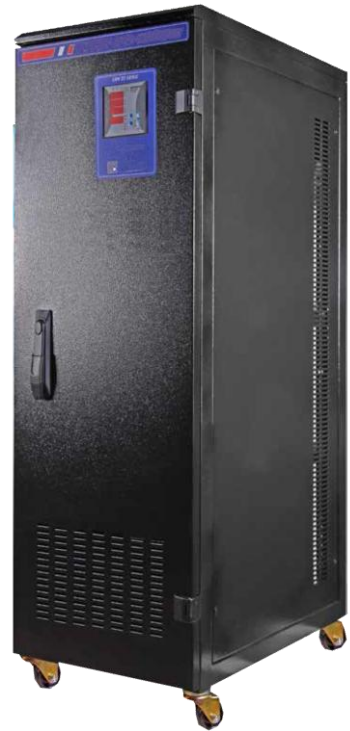
## SERVO VOLTAGE STABILIZER 3/3 PHASE 10-150 KVA

ORION 3000-SRV Series servo voltage regulators are designed to continuously stabilize the mains voltage by eliminating overvoltage, undervoltage, and phase imbalance conditions. Equipped with advanced electronic monitoring and protection circuits, the system ensures precise regulation under dynamic network conditions. In the event that input voltage exceeds the regulation limits, an electro-mechanical bypass and cut-off mechanism safely disconnects the output, protecting connected loads from potential electrical damage.

ORION 3000 Voltage regulators are heavy-duty, servo-driven systems controlled by a microcontroller, designed to precisely regulate mains voltage and ensure reliable power for critical loads.

### GENERAL SPECIFICATIONS

- Three-phase input / three-phase output
- Effective mains voltage regulation
- Compatible with non-linear loads
- Wide operating voltage and power range
- Fast and accurate regulation response
- High reliability with microprocessor control and smart drive technology
- High efficiency operation
- Manual bypass via pole-change switch for load transfer
- Safe and cost-effective operation
- Optional overcurrent and overload protection
- Digital display of system status, input, and output values
- 1-year standard warranty
- Spare parts availability up to 10 years



### APPLICATIONS



**3:3 PHASE  
SERVO**

## SERVO VOLTAGE STABILIZER 3/3 PHASE 10-150 KVA

MODEL	ORION 3010-SRV	ORION 3015-SRV	ORION 3022-SRV	ORION 3030-SRV	ORION 3045-SRV	ORION 3060-SRV	ORION 3075-SRV	ORION 3100-SRV	ORION 3120-SRV	ORION 3150-SRV
<b>General</b>										
Nominal Power (kVA)	10,5	15	22,5	30	45	60	75	100	120	150
Technology	Servo type, microprocessor controlled, full automatic									
Cooling	Smart fan system									
Voltage Monitoring	TRUE RMS Panel Voltmeter (74 × 74 mm) (Output & Line Voltages)									
Efficiency	> 96 @ Full Load									
Mechanical Bypass	Manual line selection via PAKO switch (Regulator / Bypass)									
<b>Input</b>										
Input Voltage Correction Range	285 - 445 Vac (190 - 415 Vac Optional)									
Input Frequency	47-65 Hz									
Protection	High & Low Voltage , Over Current Protection									
<b>Output</b>										
Output Voltage	380/400/415 Vac									
Voltage Correction Rate	~ 90 V/s									
Overload	200% 10s									
Voltage Recovery Time	~ 90 Volt / Sec ( 160 VAC - 250 Vac)									
Protection	Automatically disconnects the output to protect the load under overload or short-circuit conditions.									
<b>Enviromental</b>										
Operating Temperature	-10°C - 40°C									
Storage Temperature	-20°C+ 60°C									
Relative Humidity	< 90% (DIN 40040)									
Noise (@ 1 Meter)	<55 dBA									
Altitude	< 2000m									
Protection Class	IP 20 (Higher Ratings are Optional)									
<b>Physical</b>										
Dimensions H x W x D (mm)	117 x 40 x 64			127 x 40 x 64		140 x 88 x 60			165 x 94 x 66	
Net Weight (Kg)	95	105	125	145	165	260	280	310	400	425
<b>Compliance</b>										
Standards	CE / ISO 9001									