

# SRV SERIES - THREE PHASE 7,5 TO 800 kVA



## SRV

4 WIRE - WITH NEUTRAL  
THREE PHASE

## AC VOLTAGE STABILIZERS / REGULATORS

AC THREE PHASE - 7,5 TO 800 kVA

\* AVAILABLE TO 5000 kVA

Models: 380/220V - 400/230V - 415/240V - 50 or 60Hz

ISO 14001



## FEATURES

### Automatic Voltage Regulation

Step less automated voltage regulation - ideal for 95% of all applications.

### Wide Range of Power Ratings

Three Phase 7,5 to 800 KVA

### Switch-on Delay

Protects loads against harmful high-energy surges, transients and spikes.

### High Efficiency

Better than 95%

### Independent Phase Balancing & Control

Independent phase voltage sensing and control to ensure the individual phase voltages remain stable - regardless of load unbalance .

### Bypass Switch

Manual maintenance bypass switch.

### Over / Low Voltage Protection

Ability to automatically shutdown the Voltage Stabiliser in the event of the input supply voltage going outside the input voltage window.

### Phase Failure Protection

Protection of the load in the event of phase failure.

### Front Panel Status Monitoring & Metering

Front Panel display showing system status with Voltmeter & Ammeter.

### Input Circuit Breaker

Input over current protection fitted as standard.

## Optional Accessories

Isolation Transformer, Outdoor Enclosures, Output Circuit Breaker, Lightning Surge Arrestors.

## TECHNICAL SPECIFICATION

**Ratings:** 18 Model Ratings-7,5kVA -10,5kVA - 15kVA - 22,5kVA - 30kVA - 45kVA - 60kVA, 75kVA - 100kVA - 120kVA - 150kVA - 200kVA - 250kVA - 300kVA - 400kVA - 500kVA - 600kVA & 800kVA

### Input Voltage Swing

Swing Model No A*	Window
A 1	275 - 435 V AC
A 2	310 - 450 V AC
A 3	220 - 400 V AC

Typical View For Models 7,5 to 150 kVA



Typical View For Models 200 to 800 kVA



### Output Voltage:

Presetable for any voltage between 380/220V, 400/230V & 415/240V

### Output Voltage Accuracy:

± 1% (Adjustable ±1% to ±5%)

**Frequency:** 50 HZ ± %5

**Efficiency:** > 95% At full load

**Correction Time:** 80 Volt / Second

### Work Technique

Microprocessor controlled, fully automatic servo control

### Output Delay Time Set

Numerical ability to pre-set menu

### Independent Phase Control:

Maintains each phase voltage stable irrespective of load unbalance, even up to 100% load unbalance.

### Environment:

Temperature range 0 to 50 °C ,Suitable for indoor tropical use, Maximum altitude 2000m.

### Construction:

Enclosures to IP20

IP54 Enclosures available as an option.

### Standard Features:

Input Circuit Breaker

Output Contactor

Over/Low Voltage Protection

Phase Failure Protection

Front Status Display Panel with

Voltmeter & Ammeter



### Front Status Display Panel :



## PRODUCT SELECTION TABLE

MODEL (A* Swing to be specified - A1 , A2 , A2)	kVA	Max Ratings (Amp Per Phase)			Dimensions & Weight
		380 V	400 V	415 V	
SRV-7,5 -3P-A*	7,5	9,1	8,7	8,3	Dimensions & Weights available on Request - according to the A* Swing Model Variant required
SRV-10,5 -3P-A*	10,5	12,7	12,2	11,7	
SRV-15 -3P-A*	15	18,2	17,4	16,7	
SRV-22,5 -3P-A*	22,5	27,3	26,1	25,0	
SRV-30 -3P-A*	30	36,4	34,8	33,3	
SRV-45 -3P-A*	45	54,5	52,2	50,0	
SRV-60 -3P-A*	60	72,7	69,6	66,7	
SRV-75-3P-A*	75	90,9	87,0	83,3	
SRV-100 -3P-A*	100	121,2	115,9	111,1	
SRV-120 -3P-A*	120	145,5	139,1	133,3	
SRV-150 -3P-A*	150	181,8	173,9	166,7	
SRV-200 -3P-A*	200	242,4	231,9	222,2	
SRV-250 -3P-A*	250	303,0	289,9	277,8	
SRV-300 -3P-A*	300	363,6	347,8	333,3	
SRV-400-3P-A*	400	484,8	463,8	444,4	
SRV-500 -3P-A*	500	606,1	579,7	555,6	
SRV-600 -3P-A*	600	727,3	695,7	666,7	
SRV-800 -3P-A*	800	969,7	927,5	888,9	

### TYPICAL APPLICATIONS

- Computers & Network Systems
- Medical Equipment
- Electronics Equipment
- Testing Equipment
- Laboratory Equipment
- POS Terminals
- Process Control Systems
- TV/Radio Broadcasting Stations
- Audio/Video Systems
- Security Systems
- Elevators / Lifts
- CNC & SMT Equipment

### AVAILABILITY

We offer a very good availability on AC Voltage Stabiliser.

Many of our most popular ratings are readily available from stock at the factory.

Where a solution is not readily available, due to our considerable investment in component inventory and fine-tuned accredited build processes, we are able to ensure very short lead times on deliveries – even for the largest of models!

### UNDERSTANDING SRV MODEL Nos :

SRV - 45 - 3P - A1 - IP54 (380V)

①    ②    ③    ④    ⑤    ⑥

- ① Servolt Range
- ② Power Rating
- ③ No of Phases
- ④ Input Voltage Swing
- ⑤ Options Fitted
- ⑥ Output Voltage