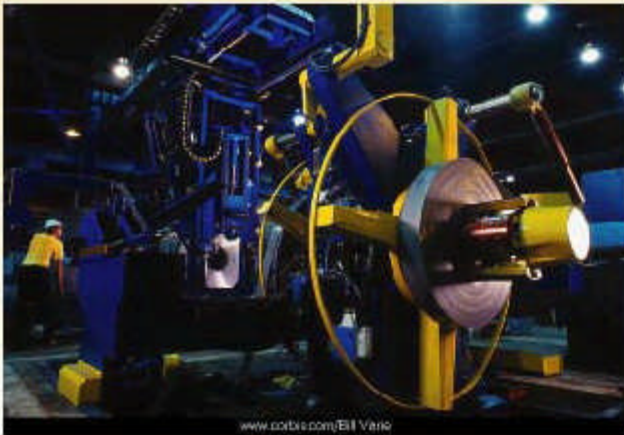




# **AUTOMATIC VOLTAGE STABILIZER/REGULATOR LINE CONDITIONER THREE PHASE**

**SILICON AUTOMATIC VOLTAGE STABILIZER/REGULATOR  
SOLVES POWER ELECTRIC PROBLEM SUCH AS  
OVER VOLTAGE, UNDER VOLTAGE  
TRANSIENT, NOISE AND SURGE**



## **APPLICATIONS**

- COMPUTER SYSTEMS.
- MEDICAL EQUIPMENT.
- ELECTRONIC EQUIPMENT.
- SOUND SYSTEM.
- CNC MACHINE.
- INDUSTRIAL PROCESS CONTROLLER.
- PHOTOGRAPHIC PROCESSING CONTROLLERS.
- COMMUNICATIONS EQUIPMENT.
- CABLE TV SYSTEM.
- LAB TEST

**ด้วยประสบการณ์ที่ยาวนานถึง 20 ปี**

**เราแก้ไขปัญหาลดและป้องกันความเสียหายที่เกิดจากระบบไฟฟ้าให้ท่านได้ เช่น ไฟตก,  
ไฟเกิน, ไฟกระพริบ และสัญญาณรบกวนต่างๆ**

**การทำงานและการผลิตจะราบรื่น เครื่องมือและเครื่องจักรจะไม่เสียหายบ่อย,  
ช่วยประหยัดพลังงาน 3-10% ขอบเขตการบริการทั่วประเทศ**

# SPECIFICATION



## SRF - SERIES, SILICON AUTOMATIC VOLTAGE STABILIZER/REGULATOR THREE PHASE FOUR WIRE/THREE PHASE THREE WIRE

### REGULATION SYSTEM

|                                 |  |
|---------------------------------|--|
| VOLTAGE REGULATION SYSTEM       | MICROPROCESSOR CONTROLLED SERVO SYSTEM           |
| INPUT VOLTAGE RANGE (OPERATION) | 380,400V + 15 - 20%, $\pm$ 20%(Option 200,220V)  |
| INPUT FREQUENCY                 | 40 - 75 Hz                                       |
| OUTPUT VOLTAGE REGULATION       | 380,400 VAC +-5%, +-2.5%, +-1% (OPTION 200,220V) |
| OUTPUT WAVE FORM                | Sine wave (Synchronize with input wave form)     |
| OUTPUT WAVE FORM DISTORTION     | Less than <0.5                                   |
| RESPONSE TIME                   | 0.1-1sec   |

### NOISE ATTENUATION SYSTEM

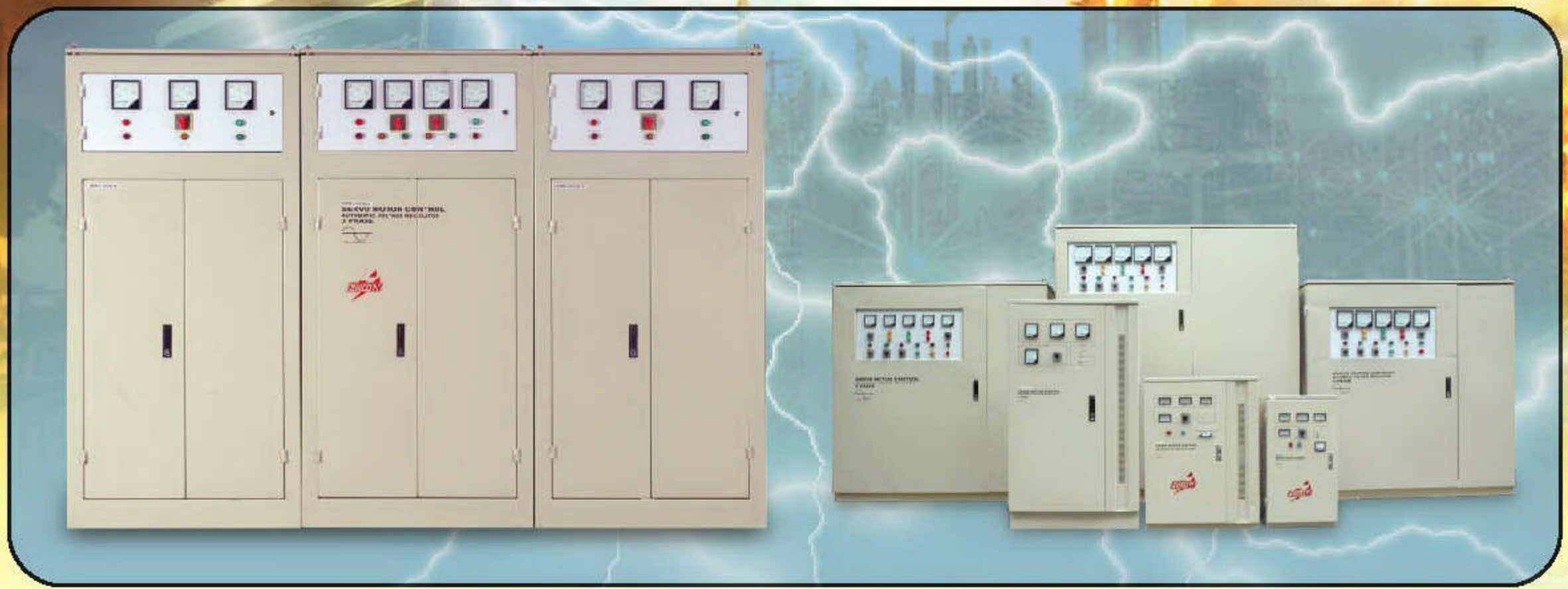
|                                 |   |
|---------------------------------|---|
| SPIKE TRANSIENT PROTECTION      | Metal oxide varistor                    |
| RFI PROTECTION                  | Toroidal coil and HF filter device      |
| TRANSVERSE MODE NOISE REJECTION | Greater than 60dB                       |
| COMMON MODE NOISE REJECTION     | Greater than 60dB for line conditioners |

### PROTECTION SYSTEM

|                      |  |
|----------------------|--|
| SURGE PROTECTION     | Automatic shutdown   |
| LIGHTNING PROTECTION | Lightning arrester   |
| OVER LOAD PROTECTION | Circuit breaker  |
| AUTOMATIC SHUTDOWN   | - Output voltage out of limits (More than +-10%)<br>- Output short circuit.<br>- Ac voltage flicker.<br>- Phase fault.<br>- Power semiconductor failure<br>- Power failure or interruption |

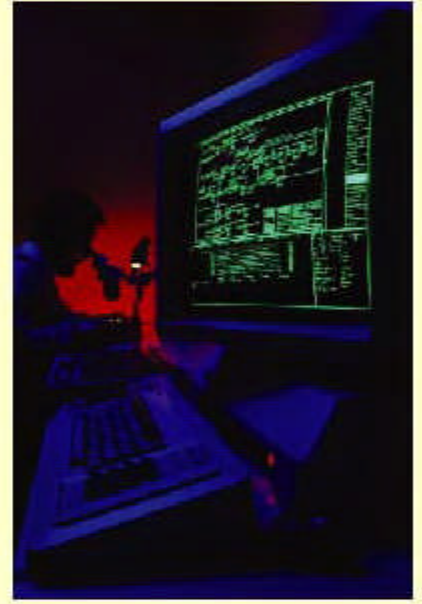
### FEATURE

|                        |  |
|------------------------|--|
| TRANSFORMER            | Auto transformer and buck/boost transformer      |
| POWER FACTOR           | 0.9-1 leading to lagging                         |
| EFFICIENCY             | 98% at full load                                 |
| OVER LOAD CAPACITY     | 1000% for 2sec, 300% for 1 mins.                 |
| RESET SWITCH           | Manual reset switch or automatic reset switch    |
| BYPASS SWITCH          | Manual bypass switch and automatic bypass switch |
| INDICATOR              | Output voltage and output ampmeter               |
| OPERATING TEMPERATURE  | 0-50 C   |
| RELATIVE HUMIDITY      | 0-95%  |
| INPUT/OUTPUT CONNECTOR | Terminal lead                                    |



## Specification

| Model      | Nos. & kinds of Pkg. | Package Size (Cm) | N. W. (kg) | G.W. (kg) |
|------------|----------------------|-------------------|------------|-----------|
| SRF-3000VA | 1Unit/Case           | 27*43*60          | 20         | 23        |
| SRF-4500VA | 1Unit/Case           | 27*43*60          | 24         | 27        |
| SRF-6000VA | 1Unit/Case           | 40*43*74          | 34         | 39        |
| SRF-9000VA | 1Unit/Case           | 43*43*83          | 43         | 48        |
| SRF-15KVA  | 1Unit/Case           | 49*53*93          | 75         | 85        |
| SRF-20KVA  | 1Unit/Case           | 49*53*93          | 114        | 124       |
| SRF-30KVA  | 1Unit/Case           | 57*63*103         | 116        | 131       |
| SRF-45KVA  | 1Unit/Case           | 65*77*110         | 177        | 197       |
| SRF-50KVA  | 1Unit/Case           | 65*77*110         | 190        | 210       |
| SRF-60KVA  | 1Unit/Case           | 65*77*110         | 220        | 240       |
| SRF-100KVA | 1Unit/Case           | 70*80*140         | 350        | 380       |



## Specification

| Model       | Nos. & kinds of Pkg. | Package Size (Cm) | N. W. (kg) | G.W. (kg) |
|-------------|----------------------|-------------------|------------|-----------|
| SRF-120KVA  | 1Unit/Case           | 150*101*160       | 870        | 900       |
| SRF-150KVA  | 1Unit/Case           | 165*111*175       | 1320       | 1360      |
| SRF-180KVA  | 1Unit/Case           | 165*111*175       | 1350       | 1380      |
| SRF-200KVA  | 1Unit/Case           | 165*111*175       | 1370       | 1410      |
| SRF-225KVA  | 1Unit/Case           | 165*111*175       | 1430       | 1470      |
| SRF-250KVA  | 1Unit/Case           | 135*120*200       | 1440       | 1490      |
| SRF-300KVA  | 1Unit/Case           | 135*120*200       | 1650       | 1700      |
| SRF-320KVA  | 1Unit/Case           | 135*120*200       | 1660       | 1710      |
| SRF-350KVA  | 1Unit/Case           | 135*120*200       | 1670       | 1720      |
| SRF-400KVA  | 1Unit/Case           | 135*120*200       | 1710       | 1760      |
| SRF-450KVA  | 1Unit/Case           | 135*120*200       | 1750       | 1800      |
| SRF-500KVA  | 1Unit/Case           | 135*120*200       | 1850       | 1900      |
| SRF-600KVA  | 1Unit/Case           | 110*110*220x2     | 1940       | 2000      |
| SRF-800KVA  | 1Unit/Case           | 145*120*200x3     | 2560       | 2600      |
| SRF-1000KVA | 1Unit/Case           | 145*120*200x3     | 3040       | 3100      |
| SRF-1200KVA | 1Unit/Case           | 145*120*200x3     | 3540       | 3600      |
| SRF-1600KVA | 1Unit/Case           | 145*120*200x3     | 4640       | 4700      |
| SRF-1800KVA | 1Unit/Case           | 145*120*200x3     | 5140       | 5200      |
| SRF-2000KVA | 1Unit/Case           | 145*120*200x3     | 5740       | 5800      |