

# SVC-N

single-phase and three-phase high accuracy  
full-automatic AC voltage stabilizer



## General

SVC-N New Model of Ultra low-voltage series of Voltage Stabilizer, is an innovated designed product which based on our ordinary model of SVC series of Voltage Stabilizer. It has the function of wide input voltage range, and perfect under-voltage, over-voltage as well as output delaying protections. Creatively designed a unique protective function of cutting the input voltage when overvoltage were occurring. Re-designed its' stabilizing components and control circuit in case of fire hazard and other possible dangerous situations that caused by over-voltage and range-exceeding on the input side. This series of model has the advantage of good internal-craftwork, perfect designed appearance, excellent and stabilized performance, and it is one of the newest products that Hossoni has launched at present.

## Performance

|                                   |                                                                                                                         |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Single-phase input voltage        | 100V-250V                                                                                                               |
| Single-phase output voltage       | 0.5KVA-10KVA 220V and 110V    15KVA-30KVA 220V                                                                          |
| Three-phase input voltage         | Phase voltage 160V-250V    Wire voltage 277V-430V                                                                       |
| Three-phase output voltage        | 1.5~30K    Phase voltage 100~250V    Wire voltage 173~430V<br>45~60K    Phase voltage 160~250V    Wire voltage 277~430V |
| Accuracy of voltage stabilization | 220V    3%    110V 6%                                                                                                   |
| Frequency                         | 50/60Hz                                                                                                                 |
| Adjustable time                   | 1s (when input voltage has a change of 10%)                                                                             |
| Ambient temperature               | -5    - +40                                                                                                             |
| Waveform distortion               | No additional waveform distortion                                                                                       |
| Load power factor                 | 0.8                                                                                                                     |
| Dielectric strength               | 1500V/1min                                                                                                              |
| Insulation resistance             | ∞                                                                                                                       |

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Model and specification

|                          | Spec(KVA)      | Product size<br>D*W*H(cm) | Package size<br>D*W*H(cm) | Weight<br>(kg) | Qty/Ctn |
|--------------------------|----------------|---------------------------|---------------------------|----------------|---------|
| Single phase<br>two wire | SVC-N0.5KVA    | 18x19.5x14                | 44x25x35                  | 5              | 4       |
|                          | SVC-N1KVA      | 22x21x16                  | 50x28x40                  | 7              | 4       |
|                          | SVC-N1.5KVA    | 21x22.5x16.5              | 50x28.40                  | 8              | 4       |
|                          | SVC-N2KVA      | 28x24x21                  | 34x32x29                  | 14             | 1       |
|                          | SVC-N3KVA      | 31x24x26                  | 37x32x34                  | 16             | 1       |
|                          | SVC-N5KVA      | 32x26x29                  | 40x31x34                  | 27             | 1       |
|                          | SVC-N8KVA      | 37.5x28x31                | 52x30x35                  | 40             | 1       |
|                          | SVC-N10KVA     | 37.5x28x31                | 52x30x35                  | 41             | 1       |
|                          | SVC-N15KVA     | 45x35x70                  | 48x45x90                  | 75             | 1       |
|                          | SVC-N20KVA     | 45x35x70                  | 68x48x90                  | 110            | 1       |
|                          | SVC-N30KVA     | 55x45x105                 | 64x53x112                 | 165            | 1       |
|                          | SVC-N45KVA     | 55x45x105                 | 90x65x140                 | 200            | 1       |
| Three phase<br>four-wire | SVC-N-3/1.5KVA | 37x36.5x17.5              | 52x48x28                  | 18             | 1       |
|                          | SVC-N-3/3KVA   | 39x38.5x17.5              | 54x50x31                  | 23             | 1       |
|                          | SVC-N-3/6KVA   | 37.5x28.5x68              | 48x40x78                  | 27             | 1       |
|                          | SVC-N-3/9KVA   | 35.5x33x79                | 48x45x90                  | 48             | 1       |
|                          | SVC-N-3/15KVA  | 38.5x43.5x79              | 55x51x90                  | 85             | 1       |
|                          | SVC-N-3/20KVA  | 43.5x51.5x97              | 64x55x106                 | 124            | 1       |
|                          | SVC-N-3/30KVA  | 43.5x51.5x97              | 64x55x106                 | 131            | 1       |
|                          | SVC-N-3/45KVA  | 68x43x102                 | 78x55x110                 | 197            | 1       |
|                          | SVC-N-3/60KVA  | 68x43x102                 | 90x67x115                 | 260            | 1       |
|                          |                |                           |                           |                |         |