



SUPERIOR SERIES

THREE PHASE FULLY AUTOMATIC COMPENSATION TYPE VOLTAGE STABILIZER

50kVA - 3000kVA

APPLICATIONS



*Technical Specification on Next Page

SALIENT FEATURES

Daxten Power SUPERIOR series three phase adjustable compensation voltage stabilizer is composed of three set of single-phase voltage stabilizer by "Star Shaped" connection. With the function of three-phases independently voltage – stabilizing, it applies to the unbalanced input voltage of three phases or unbalanced three-phase loads recover, it has the functions such as voltage regulating stability, high voltage stabilizing precision, and auto-balance of three-phases. The regulating voltage parts of this series voltage stabilizer is adopted the pillar. Therefore, it has more power and more reliability.

SPECIFICATION AND PERFORMANCE

- 1- High power compensation automatic voltage regulator (Stabilizer).**
- 2- Widely used in the fields.**
- 3- Supporting single machine as well as three-phase.**
- 4- Equipped with over-voltage and lock phase protection.**
- 5- Automatic drive or manual drive selectable.**
- 6- Fully automatic & compensated type is a kind of modified SUPERIOR series product.**
- 7- Suitable for the electric network with unbalanced three-phase voltage input !**
- 8- By-pass system output.**

PRIMARY TECHNICAL PARAMETERS

INPUT

No of Phase	Three phase +N+PE
Voltage	380VAC $\pm 30\%$
Input Voltage range	266-494VAC
Frequency	50 / 60Hz

OUTPUT

Voltage	380/400VAC $\pm 1\%$ (Accuracy)
Output Voltage range	376-383VAC / 396-404VAC
Frequency	50/60Hz
Efficiency	$\geq 95\%$
Response Time	$\leq 1.5s$ (against 10% input voltage deviation)
Ambient Temperature	$-10^{\circ}\text{C} \sim +40^{\circ}\text{C}$
Insulation Resistance	$\geq 2M \text{ Ohm}$
Waveform Distortion	Non additional waveform distortion
Protection Functions	1 min at the rated current of 2 times
Electricity Resistance Strength	Power frequency sinusoidal 2000 VAC without

MODEL	DIMENSION (cm)	WEIGHT (kg)	CURRENT (Amp)	MODEL	DIMENSION (cm)	WEIGHT (kg)	CURRENT (Amp)
Superior 50kVA	90 x 130 x 170	650	200	Superior 400kVA	120 x 155 x 210	1760	1600
Superior 80kVA	90 x 130 x 170	800	320	Superior 450kVA	120 x 155 x 210	1800	1800
Superior 100kVA	90 x 130 x 170	850	400	Superior 500kVA	110 x 110 x 220 x 2	2000	2000
Superior 120kVA	110 x 145 x 210	900	480	Superior 600kVA	110 x 110 x 220 x 2	2100	2400
Superior 150kVA	110 x 145 x 210	1350	600	Superior 800kVA	110 x 110 x 220 x 2	2600	3200
Superior 180kVA	110 x 145 x 210	1380	720	Superior 1000kVA	138 x 115 x 220 x 4	3100	4000
Superior 200kVA	110 x 145 x 210	1410	800	Superior 1200kVA	138 x 115 x 220 x 4	3600	4800
Superior 225kVA	110 x 145 x 210	1470	900	Superior 1600kVA	138 x 115 x 220 x 4	4700	6400
Superior 250kVA	110 x 145 x 210	1490	1000	Superior 1800kVA	138 x 115 x 220 x 4	5200	7200
Superior 300kVA	120 x 155 x 210	1700	1200	Superior 2000kVA	138 x 115 x 220 x 4	5800	8000
Superior 320kVA	120 x 155 x 210	1710	1280	Superior 2500kVA	160 x 120 x 250 x 4	6200	10000
Superior 350kVA	120 x 155 x 210	1720	1400	Superior 3000kVA	160 x 120 x 250 x 4	6800	12000

Product specification are subject to change without further notice.