

SBW High Power Compensation Single, Three Phase Voltage Stabilizer



1. General

This product is designed and developed with the international advanced compensation technology. It can keep the output voltage in steady state automatically when the network voltage fluctuates or the load current varies, which can ensure the consumer run smoothly. It has the advantage of large capacity, high efficiency, no waveform distortion, simple operation and maintenance, reliable running, full-capacity output under lower input voltage if compared with other voltage stabilizer. It is provided with over-voltage, over-current, phase sequence and so on protection function.

It is suitable for electric supply in small-sized plant, workshop and department in middle, large-sized mining enterprise, it can be widely used in the precision machine tool, precision instrument, test device, elevator, imported electromechanical device, production flow-line in the mining enterprise, oil field, railway, building site, school, hospital, hotel, scientific research department and so on, it is also suitable for the user in the LV electric network end with low power voltage and big wave range.

2. Specifications

Item	Type	SBW30kVA~1000kV A	
Input voltage range		Single-phase	Three-phase
Input voltage range		160V~250V	304V~456V
Output voltage		220V $\pm$ (1-5 %) settable	380V $\pm$ (1-5 %) settable
Regulation accuracy		$\pm$ (1-5 %) settable	
Insulation resistance		$\geq 2M \Omega$	
Withstand voltage		2000V/1min no disruption or flashes phenomenon	
Frequency		50Hz/60Hz	
Response time		$\leq 0.5s$	
Efficiency		$\geq 98\%$	
Waveform aberration		<1%	
Ambient temperature		$-5^{\circ}C \sim +40^{\circ}C$	
Relative humidity		<90%	