



AVR

Single Phase Servo Motor

AVR **ZTY**

SVC Single phase servo motor type automatic voltage stabilizer is a traditional automatic voltage regulator based on servo motor transformer and carbon brush regulation. CPU control based integrated circuit board detect the input voltage and control the moving of the carbon brush accurately to achieve stabilized output voltages. SVC series is a mature design AVR with very good competitive edge in cost. SVC series is ideal for civil application on electrical equipments such as lift, air conditioners, heaters, electrical stoves, large freezers and whole house voltage management.

Model	SVC-10KVA	SVC-15KVA	SVC-20KVA	SVC-30KVA
Capacity	10KVA	15KVA	20KVA	30KVA
Technology	Servo motor type			
Phase	Single Phase			
Input Voltage	100-255V			
Output Voltage	220V			
Output Precision	±3%			
Frequency	50/60Hz			
Efficiency	≥96%			
Isolation Grade	Grade A			
Dielectric Strength	AC 2000V/1min no flashover, no break down			
Response speed	0.1s			
Waveform Distortion	<0.1% output waveform distortion, No Incremental Harmonic			
Temperature rising	Net Temperature rising: <60℃			
Regulation method	Servo motor control with integrated MCU			
Display	Dual Digital LED display			
Wiring	Single phase three wire(Live, Neutral, Grounding)			
Protection	overload, high voltage, low voltage, short circuit, over heat protection			
Cooling Method	Intelligent cooling fan			
Operation Temperature	-5℃~40℃			
Relative Humidity	<90%			
Dimension(mm)	480x380x535	480x380x535	480x380x535	480x380x535
Net Weight(kgs)	49	52	57	68
Remarks:	The above specifications are based on factory standard specifications, customized designs are available subject to confirmation.			