

SVR SERIES SINGLE PHASE AVR



Generalize:

The SVR series single-phase high-precision automatic AC voltage stabilizer is composed of a contact auto-voltage regulator, a servo motor, an automatic control circuit, etc. When the grid voltage is unstable or the load changes, the automatic sampling control circuit sends a signal to drive the servo motor, Adjust the position of the carbon brush of the auto-voltage regulator to adjust the output voltage to the rated value and reach a stable state.

Features:

- High efficiency, reliable performance, long-term operation;
- Has mains direct connection function
- The waveform is not distorted
- With short delay Function
- Protection functions such as over-voltage and under-voltage



Application:

Office equipment, test equipment, medical equipment, industrial automation equipment, household appliances, lighting systems, communication systems, etc.



Technical Data:

Specification		SVR-3KVA	SVR-5KVA	SVR-10KVA	SVR-15KVA	SVR-20KVA	SVR-30KVA
Input	Phase	Single phase					
	Voltage	176V-264V±20%					
	Frequency	50Hz / 60Hz					
Output	Voltage accuracy	220V±2%					
	Frequency	50Hz / 60Hz					
Protection	Low Volt.	185V±5V					
	Over Volt.	246V±5V					
	Protective function	Overload, overvoltage, under-voltage, over-temperature, phase loss, and short circuit protection					
Efficiency	AC-AC	≥ 99%					
Acoustic	Noise Level	≤50dB					
Environmental	Temperature	-10°C~45°C Degree					
	Humidity	15% to 90%					
Parameter Information	Protection degree	standard IP21 (outdoor Customizable IP rating)					
	Reaction speed	< 20ms (SCR type)					
	Regulation speed	30ms (SCR type)					
	Insulation grade	E Grade					
	Insulation resistance	Insulation resistance to ground > 5MΩ					
	Insulation strength	Sinusoidal AC voltage 2500V/1min without flashover or breakdown					
	Output waveform	No output waveform deformation or harmonic increment					
	Instantaneous overload capacity	2 times rated current					
	Display mode	LCD digital display					
	Working mode	Long-term continuous running					
	Cooling mode	Temperature control forced air cooling					
	Install	No severe vibration or turbulence; no gas, vapor, chemically deposited dust, dirt and other explosive and corrosive media that seriously affect the insulation of the voltage stabilizer;					
Packaging	Shipping Wt.(KG)	29KG	40KG	63KG	85KG	108KG	135KG
	Dimensions (D*W*H mm)	200*300*230	250*300*280	480*360*580	480*360*580	480*360*580	550*420*700

