

SVS SERIES - EXTREME POWER PROTECTION

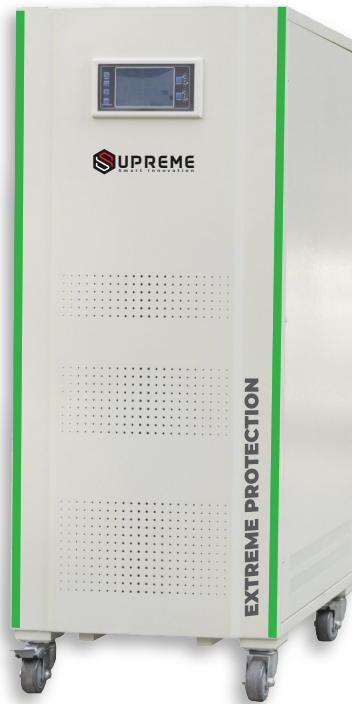
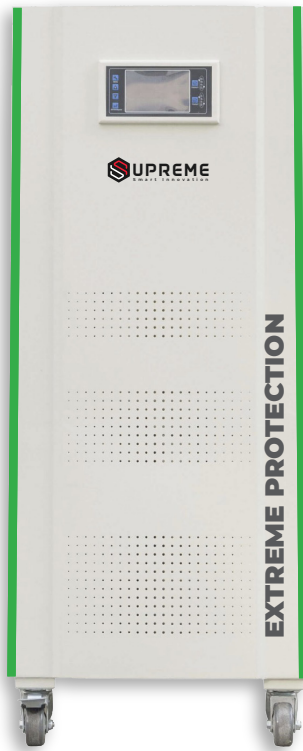
10-2500KVA (Single Phase / Three Phase)



Adjust to the right voltage value required by industrial devices which develop rapidly and become more sensitive.

► Features & Benefits

- ✓ User-friendly HMI, large-screen LCD display with all parameters
- ✓ Maintenance-free, no mechanical error and no wear of carbon brush
- ✓ Independent phase regulation
- ✓ Fastest regulator: adjust the voltage to the output voltage rating of 40ms
- ✓ Auto-bypass
- ✓ Completed protections
- ✓ Capable of overload, suitable for resistive, capacitive, inductive and mixed loads



SPECIFICATIONS

INPUT

Input voltage	220/380V, 230/400V, 240/415V system, other voltage system can be customized
Input Range	15% ($\pm 20\%$ ~ $\pm 50\%$ can be customized)
Input Frequency	50/60Hz

OUTPUT

Output Voltage	220/380V, 230/400V, 240/415V system, other voltage system can be customized
Output Accuracy	Selectable: $\pm 0.5\%$ to $\pm 2\%$
Waveform Distortion	Nil
Power Factor	0.8~1
Efficiency	$\geq 98\%$ (full load)
Overload Capacity	150% Over Load 10 seconds

GENERAL

Working Principle	Silicon Controlled Rectifier(SCR), full automatic
Insulation Class of Transformer	H class
Method of Voltage Regulation	Three phase independent regulation
Indicators	Voltage, Current, Power, Parameters setting
Cooling	Natural/forced air
Protection Level	IP21(indoor), IP54(outdoor) on request
Electrical Safety	CE equivalent

ENVIRONMENTAL

Working Temperature	-20 °C to +50 °C
Altitude	<1000m
Relative Humidity	<90%
Noise	<45dB

FUNCTIONS

Normal Functions	Malfunction protection, Short-circuit protection, Lack of phase protection, Wrong sequence protection, Over voltage protection, Under voltage protection, Overload protection, Safe start, Auto bypass, Indicating alarms, Security password, RS232/485 interface
Optional Functions	Isolation transformer, Surge protector(SPD), Manual bypass

DIMENSIONS

Model	Dimension (W×D×H)mm	Model	Dimension (W×D×H)mm	Model	Dimension (W×D×H)mm
SSVS-10KVA	350×600×750	SSVS-15KVA	350×600×750	SSVS-20KVA	350×600×750
SSVS-30KVA	350×600×750	SSVS-45KVA	390×650×870	SSVS-60KVA	390×650×870
SSVS-75KVA	460×650×1200	SSVS-100KVA	460×650×1200	SSVS-150KVA	700×700×1200
SSVS-200KVA	700×700×1200	SSVS-250KVA	1100×800×2100	SSVS-320KVA	1100×800×2100
SSVS-400KVA	1100×800×2100	SSVS-500KVA	1100×800×2100	SSVS-600KVA	1100×800×2100
SSVS-800KVA	1800×1000×2100	SSVS-1000KVA	1800×1000×2100	SSVS-1200KVA	1800×1000×2100
SSVS-1600KVA	1800×1000×2100	SSVS-2000KVA	1800×1000×2100	SSVS-2500KVA	1800×1000×2100