

AVS SPECIFICATIONS

MODEL	90V-250V-Single phase	50V-250V-Single phase
	260V-430V-3 phases	160V-430V 3 phases
Phase, wave	1 pha, Sine / 1 phase, Sine wave 3 pha, Sine / 3 phases, Sine wave	
Frequency	48Hz – 62Hz	
Capacity	5KVA to 50KVA 10KVA to 1000KVA	5KVA to 30KVA 6KVA to 150KVA
Input Voltage	90V to 250V 260V to 430V	50V to 250V 160V to 430V
Output Voltage	100V ± 1%; 220V ± 1% 380V ± 1%; (Option 220V ± 1%; 200V ± 1%)	
Display	Voltage and Current Display with high accuracy multi-functional electronic meter, integrated with error alert feature and the machine's working status report on the meter.	
Over Current Protection	Intelligent system for over current protection at multi-level: Rated current of more than 110%, power cut off after 60 seconds; Rated current of more than 150%, power cut off after 10 seconds; Rated current of more than 200%, power cut off immediately ; Output short-circuit, immediately cut off power.	
Over Voltage Protection	Intelligent Over-voltage Protection: Output voltage is: higher than 250VAC, power cut off after 3 seconds; higher than 260VAC, power cut off after 2 seconds; higher than 270VAC, power cut off after 1 seconds higher than 280VAC, power cut off immediately. When the machine has just been started, if the output voltage is too high (more than 270VAC), the power shall not be on .	
Shock Voltage Protection	Auto-reset system controlled by intelligent software shall ensure to avoid electrical shocks in any case.	
Current stabilizing feature	If current rises as high as the nominal current, the AVS shall start its current stabilizing mode. The current stabilizing feature will maintain its ability to supply power to load.	
Response time against 10% Input voltage deviation	0,2 to 2s	
Control system	Micro-control technology with intelligent control software, which allows to equip the machine with cutting-edge features.	
Transformer type	Toroidal transformer which low waste	
Main materials	100% electromagnetic copper wire and high quality isotropic corrugated silic sheet.	
Insulation resistance	> 3MΩ	
Ambient Temperature	Working environment at 0oC to 40oC	
Allowable Humidity	Allows working environment with humidity of less than 90%.	
Efficiency	> 95%	
Machine's cover	Static painted steel sheet	