

Item		Active Harmonic Filter						
		AHF 5/10/15	AHF 25/35	AHF 50/60	AHF 75	AHF 100	AHF 150	AHF 300
System Parameters								
Nominal voltage		400V						
Voltage range		228~456Vac						
Nominal frequency		50/60Hz(Range: 45Hz ~62.5Hz)						
Paraller quantities		Unlimited						
Efficiency		≥ 97%						
Wiring configuration		3 Phase 4 Wire/3 Phase 3 Wire						
Current Transformor		0 ~30,000/5						
Topology		Three level						
Performance Indicators								
Capacity		5/10/15A	25/35A	50A/60A	75A	100A	150A	300A
Harmonic Comp.		Default						
Reactive Power Comp.		Default						
Unbalance Comp.		Default						
CompensationHar. Order		2~61 order	2~50 order					
Harmonic compensation rate		> 95%						
Fast response Time		<20μs	<50μs					
Overall response Time		<5ms						
Target PF		-1 ~ 1 adjustment						
Overall response Time		FFT, intelligent FFT, and instantaneous reactive power						
Switching frequency		average 50kHz	average 20kHz					
Cooling(Smart ventilation)		44L/Sec	151L/Sec	115L/Sec	222L/Sec	336L/Sec	360L/Sec	500L/Sec
Noise level		<68dB	<56dB				<65dB	<75dB
Monitoring								
Communication port		RS485, Ethernet(option)						
Communication protocol		Modbus、TCP/IP(Optional)						
Display interface		Wifi display, 7-inch HMI(optional)	4.3-inch LCD touchpanel; LED indicator, central monitor(optional 7-inch touch screen)					
Protecting		over-voltage protection, under-voltage protection, inverter bridge inverse protection, over-compensation protection, and etc						
Event recored		Yes, max. up to 500 records						
Mechanical Characteristic								
Installatoin		Wall mounted / Rack mounted	Wall mounted / Rack mounted / Cabinet					
Dimension (W * D * H, mm)	Rack mount, LED	410*340*45	440*490*150	500*515*180	500*546*190	500*575*200	500*605*269	500*722*370
	Rack mount, LCD	/	440*490*150	500*515*180	500*586*190	500*605*200	500*630*269	500*722*370
	Wall mount, LCD	410*45*340	440*485*150	500*180*540	500*190*571	500*200*599	500*273*638	500*370*722
Net weight		4.98kg	18kg	23kg	28kg	35kg	44kg	110kg
Color		Silver	Black					
Environment Requirment								
Altitude		≤ 1500m 1500 ~ 4000m (according to GB/T3859.2, increase every 100m derating capacity 1%)						
Operation temperature		-10℃ ~ +40℃						
Relative humidity		5% to 95%, non-condensing						
Protection class		IP20, others IP class could be customize						
Qualifications		CE						

Item		Advanced Static Var Generator			
		ASVG 30	ASVG 50	ASVG 100	ASVG 200
System Parameters					
Nominal voltage		400V			
Voltage range		228~456Vac			
Nominal frequency		50/60Hz(Range: 45Hz ~62.5Hz)			
Paraller quantities		Unlimited			
Efficiency		≥ 97%			
Wiring configuration		3 Phase 4 Wire/3 Phase 3 Wire			
Current Transformor		0 ~ 30,000/5			
Topology		Three level			
Performance Indicators					
Capacity		30kvar	50kvar	100kvar	200kvar
Harmonic Comp.		Default			
Reactive Power Comp.		Default			
Unbalance Comp.		Default			
CompenstionHar. Order		2~13 order			
Overall response Time		<15ms			
Target PF		-1 ~ 1 adjustment			
Overall response Time		FFT, intelligent FFT, and instantaneous reactive power			
Switching frequency		average 20kHz			
Cooling(Smart ventilation)		115L/Sec	222L/Sec	360L/Sec	500L/Sec
Noise level		<56dB	<56dB	<65dB	<75dB
Monitoring					
Communication port		RS485, Ethernet(option)			
Communication protocol		Modbus、TCP/IP(Option)			
Display interface		4.3-inch LCD touchpanel; LED indicator			
Protecting		over-voltage protection, under-voltage protection, inverter bridge inverse protection, over-compensation protection, and etc			
CT alarm		Yes			
Event recored		Yes, max. up to 500 records			
Monitoring		Support indivical monitoring(4.3-inch touch screen) / Support central monitoring(optional 7-inch touch screen)			
Mechanical Characteristic					
Installatoin		Wall mounted / Rack mounted / Cabinet			
Dimension (W * D * H, mm)	Rack mount, LED	500*515*180	500*546*190	500*605*269	500*722*370
	Rack mount, LCD	500*515*180	500*586*190	500*630*269	500*722*370
	Wall mount, LCD	500*180*540	500*190*571	500*273*638	500*370*722
Net weight		23kg	28kg	44kg	110kg
Color		RAL 7035			
Environment Requirment					
Altitude		≤ 1500m			
Operation temperature		-10℃ ~ +40℃			
Relative humidity		5% to 95%, non-condensing			
Protection class		IP20, others IP class could be customize			
Qualifications		CE			

Item		Static Var Generator			
		SVG 30	SVG 50	SVG 100	SVG 200
System Parameters					
Nominal voltage		400V			
Voltage range		228~456Vac			
Nominal frequency		50/60Hz(Range: 45Hz ~ 62.5Hz)			
Paraller quantities		Unlimited			
Efficiency		≥ 97%			
Wiring configuration		3 Phase 4 Wire/3 Phase 3 Wire			
Current Transformor		0 ~ 30,000/5			
Topology		Three level			
Performance Indicators					
Capacity		30kvar	50kvar	100kvar	200kvar
Reactive Power Comp.		Default			
Unbalance Comp.		Default			
Overall response Time		<15ms			
Target PF		-1 ~ 1 adjustment			
Overall response Time		FFT, intelligent FFT, and instantaneous reactive power			
Switching frequency		average 20kHz			
Cooling(Smart ventilation)		115L/Sec	222L/Sec	360L/Sec	500L/Sec
Noise level		<56dB	<56dB	<65dB	<75dB
Monitoring					
Communication port		RS485, Ethernet(option)			
Communication protocol		Modbus、TCP/IP(Option)			
Display interface		4.3-inch LCD touchpanel; LED indicator			
Protecting		over-voltage protection, under-voltage protection, inverter bridge inverse protection, over-compensation protection, and etc			
CT alarm		Yes			
Event recored		Yes, max. up to 500 records			
Monitoring		Support indivical monitoring(4.3-inch touch screen) / Support central monitoring(optional 7-inch touch screen)			
Mechanical Characteristic					
Installatoin		Wall mounted / Rack mounted / Cabinet			
Dimension (W * D * H, mm)	Rack mount, LED	500*515*180	500*546*190	500*605*269	500*722*370
	Rack mount, LCD	500*515*180	500*586*190	500*630*269	500*722*370
	Wall mount, LCD	500*180*540	500*190*571	500*273*638	500*370*722
Net weight		23kg	28kg	44kg	110kg
Color		Aluminium-Zinc alloy coated for rack mounted, LED type / RAL7035 for rack mount LCD and wall mounted type			
Environment Requirment					
Altitude		≤ 1500m			
Operation temperature		-10℃ ~ +40℃			
Relative humidity		5% to 95%, non-condensing			
Protection class		IP20, others IP class could be customize			
Qualifications		CE			