

APF/ SVG 208V STANDARD ANTI-POLLUTION MODEL

- Resistant to high-pollution, high-dust harsh environments

■ Foolproof wiring design reduces field and service effort
- Built-in 4G/ Wifi module (optional)

■ Full-size design, strong heat dissipation, low noise



SPECIFICATIONS

Module Parameters					
Rated Voltage	208VAC				
Rated Current	APF 50A	APF 75A	APF 100A	APF 150A	APF 200A
Power Capacity	SVG 15Kvar	SVG 25Kvar	SVG 35Kvar	SVG 50Kvar	SVG 75Kvar
System Parameter					
Rated input voltage	208V (-20%~+15%)				
Grid frequency	50Hz (range: 47Hz-53Hz), 60Hz (range: 57Hz-63Hz)				
Number of parallel connections	≤16units				
Efficiency & Losses	Efficiency ≥97% (3ph), ≤15 W/A Loss				
Grid structure	Three-phase four-wire or three-phase three-wire				
Current transformer	50/5~30000/5				
Performance Indicators					
Harmonic Compensation Range	2nd~51st Order (Amplitude Adjustable)				
Harmonic Attenuation	THD<3% (Closed Loop)				
Quick response time	< 50μs				
Full response time	< 5ms				
Target PF	-1~+1				
Noise indicator	< 60dB				
Communications Monitoring					
Communication interface	RS485, Network Port				
Communication protocols	Modbus, TCP/IP, CAN				
Module display interface	4.3 inch touch screen LED indicator				
Mechanical Property					
Mounting Options	Wall-mounted / Rail-mounted				
W×D×H(mm)	500X550X130				
Net weight	19kg	24kg	29kg	34 kg	
Enclosure	Galvanized Steel, RAL7035 Coating, customized on request				
CT position	Grid sense (at main) or Load sense				
Environmental Requirements					
Altitude	≤1500m; between 1500m~4000m, according to GB/T3859.2, the power will be reduced by 1% for every 100m increase.				
Operating temperature	-40°C~+65°C				
Relative humidity	5%~95%, No condensation				
Protection level	IP20, Other IP levels can be customized				
Related qualifications and standards					
Standards compliance	IEEE519、IEC6100-3-6、ER G5/4、CE、EMC Compliance: EN 61000-6-4 Class A				

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- Resistant to high-pollution, high-dust harsh environments

■ Foolproof wiring design reduces field and service effort

■ Strong heat dissipation, low noise
- Built-in 4G/ Wifi module (optional)

■ Same size design for the whole series



SPECIFICATIONS

Module Parameters					
Rated Voltage	400VAC				
Rated Current	APF 50A	APF 75A	APF 100A	APF 150A	APF 200A
Power Capacity	SVG 35kvar	SVG 50kvar	SVG 75kvar	SVG 100kvar	SVG 150kvar
System Parameter					
Rated input voltage	400Vac (-20%~+15%)				
Grid frequency	50Hz (range: 47Hz-53Hz), 60Hz (range: 57Hz-63Hz)				
Number of parallel connections	≤16units				
Efficiency & Losses	Efficiency ≥97% (3ph), ≤15 W/A Loss。				
Grid structure	Three-phase four-wire or three-phase three-wire				
Current transformer	50/5~30000/5				
Performance Indicators					
Harmonic Compensation Range	2nd~51st Order (Amplitude Adjustable)				
Harmonic Attenuation	THD<3% (Closed Loop)				
Quick response time	< 50μs				
Full response time	< 5ms				
Target PF	-1~+1				
Noise indicator	< 60dB				
Communications Monitoring					
Communication interface	RS485, Network Port				
Communication protocols	Modbus, TCP/IP, CAN				
Module display interface	4.3 inch touch screen LED indicator				
Mechanical Property					
Mounting Options	Wall-mounted / Rail-mounted				
W×D×H(mm)	500X550X130				
Net weight	19kg	24kg	29kg	34 kg	
Enclosure	Galvanized Steel, RAL7035 Coating, customized on request				
CT position	Grid sense (at main) or Load sense				
Environmental Requirements					
Altitude	≤1500m; between 1500m~4000m, according to GB/T3859.2, the power will be reduced by 1% for every 100m increase.				
Operating temperature	-40℃~+65℃				
Relative humidity	5%~95%, No condensation				
Protection level	IP20, Other IP levels can be customized				
Related qualifications and standards					
Standards compliance	IEEE519、IEC6100-3-6、ER G5/4、CE、EMC Compliance: EN 61000-6-4 Class A				

APF/SVG 480V STANDARD ANTI-POLLUTION MODEL

- Resistant to high-pollution, high-dust harsh environments

■ Full-size design, strong heat dissipation, low noise
- Built-in 4G/ Wifi module (optional)



SPECIFICATIONS

Module Parameters					
Rated Voltage	480VAC				
Rated Current	APF 50A	APF 75A	APF 100A	APF 150A	APF 200A
Power Capacity	SVG 40Kvar	SVG 60Kvar	SVG 80Kvar	SVG 120Kvar	SVG 180Kvar
System Parameter					
Rated input voltage	480V (-20%~+10%)				
Grid frequency	50Hz (range: 47Hz-53Hz), 60Hz (range: 57Hz-63Hz)				
Number of parallel connections	≤16units				
Efficiency & Losses	Efficiency ≥97% (3ph), ≤15 W/A Loss				
Grid structure	three-phase, three-wire (TCM)				
Current transformer	50/5~30000/5				
Performance Indicators					
Harmonic Compensation Range	2nd-51st Order (Amplitude Adjustable)				
Harmonic Attenuation	THD<3% (Closed Loop)				
Quick response time	< 50μs				
Full response time	< 5ms				
Target PF	-1~+1				
Noise indicator	< 60dB				
Communications Monitoring					
Communication interface	RS485, Network Port				
Communication protocols	Modbus, TCP/IP, CAN				
Module display interface	44.3 inch touch screen LED indicator				
Mechanical Property					
Mounting Options	Wall-mounted / Rail-mounted				
W×D×H(mm)	500X550X130				
Net weight	19kg	24kg	29kg	34 kg	
Enclosure	Galvanized Steel, RAL7035 Coating , customized on request				
CT position	Grid sense (at main) or Load sense				
Environmental Requirements					
Altitude	≤1500m; between 1500m~4000m, according to GB/T3859.2, the power will be reduced by 1% for every 100m increase.				
Operating temperature	-40℃~+65℃				
Relative humidity	5%~95%, No condensation				
Protection level	IP20, Other IP levels can be customized				
Related qualifications and standards					
Standards compliance	IEEE519、IEC6100-3-6、ER G5/4、CE、 EMC Compliance: EN 61000-6-4 Class A				

APF/SVG 800V/690V STANDARD MODEL

- Ultra-high efficiency, up to 98%.

■ Ultra-compact body, same height for all series 175mm
- Resistant to high-pollution, high-dust harsh environments

■ Foolproof wiring design reduces field and service effort



SPECIFICATIONS

Module Parameters		
Rated Voltage	800V	690V
Current / Power Capacity	APF 85A, SVG 120Kvar	APF 100A, SVG 120Kvar
System Parameter		
Rated input voltage	800V/690V (-20%~+10%)	
Grid frequency	50Hz (range: 47Hz-53Hz), 60Hz (range: 57Hz-63Hz)	
Number of parallel connections	≤16units	
Efficiency & Losses	Efficiency ≥97% (3ph), ≤15 W/A Loss	
Grid structure	three-phase, three-wire (TCM)	
Current transformer	150/5~10,000/5	
Performance Indicators		
Harmonic Compensation Range	2nd-51st Order (Amplitude Adjustable)	
Harmonic Attenuation	THD<3% (Closed Loop)	
Quick response time	< 50μs	
Full response time	< 5ms	
Target PF	-1~+1	
Noise indicator	< 60dB	
Communications Monitoring		
Communication interface	RS485, Network Port	
Communication protocols	Modbus, TCP/IP, CAN	
Module display interface	4.3 inch touch screen LED indicator	
Mechanical Property		
Mounting Options	Wall-mounted / Rail-mounted	
W×D×H(mm)	480X600X175	
Net weight	40kg	
Enclosure	Galvanized Steel, RAL7035 Coating, customized on request	
CT position	Grid sense (at main) or Load sense	
Environmental Requirements		
Altitude	≤1500m; between 1500m~4000m, according to GB/T3859.2, the power will be reduced by 1% for every 100m increase.	
Operating temperature	-40℃~+65℃	
Relative humidity	5%~95%, No condensation	
Protection level	IP20, Other IP levels can be customized	
Related qualifications and standards		
Standards compliance	IEEE519、IEC6100-3-6、ER G5/4、CE、EMC Compliance: EN 61000-6-4 Class A	