

APF/SVG SECOND-GENERATION SILICON CARBIDE MODEL

- Ultra-high efficiency, up to 99% efficiency

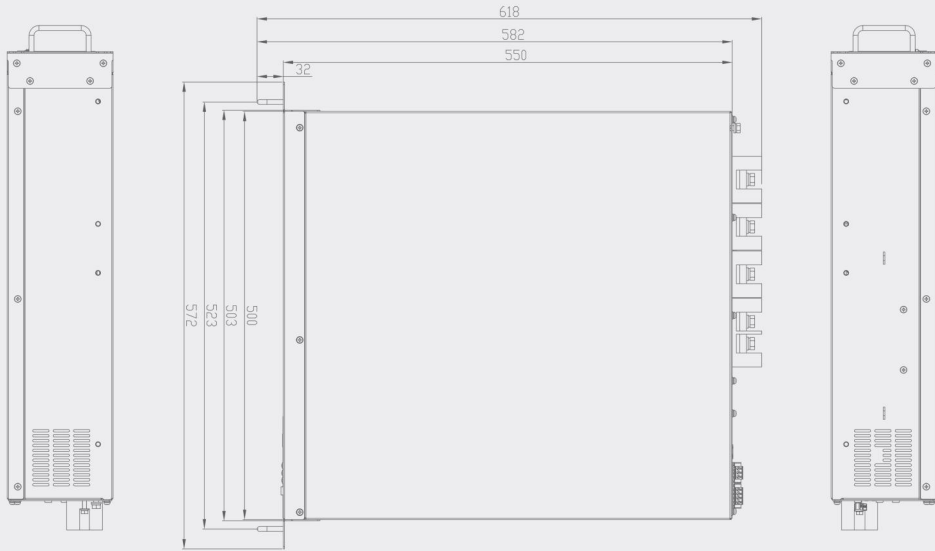
■ Ultra-compact body, same height for all series 100mm

■ Built-in 4G/ Wifi module (optional)
- Resistant to high-pollution high-dust harsh environment

■ Foolproof wiring design reduces field and service workload



Rackmount



SPECIFICATIONS

Module Parameters					
Rated Voltage	400VAC (208V, 480V please contact us)				
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				
Efficiencies	Up to 99% / Up to 99%				
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	< 25μs				
Full response time	< 5ms				
Target PF	-1~+1				
Noise indicator	< 60dB				
Communications Monitoring					
Communication interface	RS485, Network Port				
Communication protocols	Modbus Protocol, 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)	500*550*130			500*550*175	
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				