

Items	<b>Sinexcel Ultra Series SVG</b>
Rating	200K
Function	Reactive power and three-phase unbalance compensation
<b>System parameters</b>	
Nominal voltage	380/400/415V (228-456V)
L-N voltage	220/230/240V (127-263V)
Nominal frequency	50/60Hz, auto sensing (Range : 45Hz~62.5Hz)
Parallel quantities	Unlimited
Efficiency	98.5%
Connection type	3 Phase 3 Wire / 3 Phase 4 Wire
CT location	Load / Supply side
<b>Performance indicators</b>	
Control algorithm	FFT, intelligent FFT, and instantaneous reactive power
Fast response Time	< 50us
Full response Time	< 5ms
Target power factor	Adjustable from -1 to +1
Switching frequency	Average 40kHz, up to 95kHz
Cooling air requirement	80CFM*6
Noise level	<68dB (Full load)
Communications ports	RS485 and Ethernet port(RJ45)
Communications protocols	Modbus RTU, TCP/IP
Module display interface	4.3-inch HMI(module), 7-inch HMI(central monitor) and LED
Protection functions	Over-voltage protection, under-voltage protection, inverter bridge inverse protection, over-compensation protection and so on
Mounting type	Wall-mounted and Rack-mounted
Dimensions (W x D x H mm)	500*646*220
Net weight	50kg
Storage temperature	-20℃~70℃
Operating Ambient temperature	-10℃~40℃ (may derate capacity if ambient temperature exceeds 40℃)
Relative humidity	5% to 95%, non-condensing
Altitude	≤1500m, 1500-4000m, capacity is derating 1% for every 100m altitude increased.
protection class	IP20 (IP degree can be customized)