

Sinexcel AHF UL Model Serials						
Items	208Vac / 480Vac / 600Vac					
	Sinexcel AHF25	Sinexcel AHF35	Sinexcel AHF50	Sinexcel AHF60	Sinexcel AHF75	Sinexcel AHF100
Function	harmonic, reactive power and three-phase unbalance compensation					
System parameters						
Nominal & voltage Range	208 V : 173V ~ 263V 480 V : 384V ~ 552V 600 V : 483V ~ 793V					
Nominal frequency	50/60HZ, auto sensing (Range : 45Hz~62Hz)					
Paraller quantities	Unlimited (Recommand up to 29 unit)					
Efficiency	≥97%					
Connection type	3 Phase 3 Wire / 3 Phase 4 Wire					
Performance indicators						
Control algorithm	FFT, intelligent FFT, and instantaneous reactive power					
Overall response Time	< 5ms					
Target power factor	Adjustable from -1 to +1					
Switching frequency	average 20kHz					
Cooling air requirement	151 L/Sec			342 L/Sec		
Noise level	<65 dB					
Communications ports	RS485 and Ethernet port(RJ45)					
Communications protocols	Modbus RTU					
Module display interface	4.3-inch HMI(module), 7-inch HMI(central monitor), LED					
Protection functions	over/under-voltage protection, inverter bridge inverse protection, over-compensation protection, and so on					
Mounting type	Wall-mounted / Rack-mounted / Cabinet					
Dimensions (W x D x H) unit : mm	500*590*180 Rack-mount 500*180*590 Wall-mount			500*725*250 Rack-mount 500*250*730 Wall-mount		
Net weight	40kg			70kg		
Ambient temperature	-10℃~40℃ (may derate capacity if ambient temperature exceeds 45℃)					
Relative humidity	5% to 95%, non-condensing					
protection class	IP20(other IP degrees are customizable)					
Qualifications	UL , CETLUS (CSA C22.2,UL508), CE					
Standards Compliance	IEEE519, ER G5/4, IEC 61000					