Sinexcel Standard Cabinet List

Type	Dimension (W*D*H)	400V AHF module	400V SVG/ASVG module	480V/600V/690V AHF/SVG/ASVG module	UL Type 208/480/600V	Breaker/Isolater	Cable entry	IP grade	Airflow	Airflow Distance
Plug-in AHF/SVG Cabinet	600*800*2200	150A plug-in module, 5 units in max	100kvar plug-in module, 5 units in max	NA	NA	1250A isolator	Bottom cable entry	IP20	Front to Rear	300mm Rear
Flexi Cabinet 1	600*1000*2200	25-100A, 5 units in max 150A, 4 units in max	50kvar SVG/ASVG, 5 units in max 100kvar, 4 units in max	NA	NA	Breaker/Isolater Rated current based on modules installed	Top/Bottom Special occasions in notes below	IP20	Front to Rear	800mm Rear
Flexi Cabinet 2	800*800*2200	25-100A, 5 units in max 150A, 5 units in max	50kvar SVG/ASVG, 5 units in max 100kvar, 5 units in max	NA	NA					
Flexi Cabinet 3	800*1000*2200	25-100A, 5 units in max 150A, 5 units in max 300A, 2units + 150 A in max 300A, 3 unit (Need to check heat ventilation)	50kvar SVG/ASVG, 5 units in max 100kvar, 5 units in max 200kvar+100kvar, 3 units in max 200kvar x 3 units (Needs to check heat ventilation)	5 units in max	5 units in max					
Flexi Cabinet 4	1000*1000*2200	25-100A, 5 units in max 150A, 5 units in max 300A, 3units in max	50kvar SVG/ASVG, 5 units in max 100kvar, 5 units in max 200kvar, 3 units in max	5 units in max	5 units in max					
600 depth cabinet (Euro Standard Cabinet)	800*600*2200	100A x3 /150A x 3 in max (wall-mounted module)	100 / 200 /300 kvar	3 units in max, wall-mounted modules	NA	400A/630A breaker	Top cable entry	IP20	Front to Top	Against wall 350mm from top
IP54 Cabinet-1800H	700*900*1800	150A, 3 units in max (Standard) 25-100A, 3 units in max	100kvar , 3units in max 50kvar SVG/ASVG, 3 units in max	NA	NA	630A breaker	Bottom cable entry	IP54	Front to Rear	600mm Rear

Notes

Flexi cabinets	1. All flexible cabinets could be installed with 5 units of 25A~100A module, or 5 units of 50kvar SVG/ASVG module.
	2. Flexi cabinet 1 could be installed with 5 units of 480V/600V/690V AHF /SVG modules, only available in top cable entry.
	3. Flexi cabinet 2&3&4 , when installed with 5 units of 150A AHF or 100kvar 400V SVG modules, top cable entry is more recommended, it needs special breaker and extra cost if going with bottom cable entry.
	4. Flexi cabinet 2, when installed with 5 units of 480V/600V/690V AHF/SVG modules, only available with top cable entry,(but can be customized)
	5. All flexi cabinets could be designed into hybrid way, which means AHF and SVG together, above module capacity is still valid, and 150A and 100k SVG could be considered same because the dimension and ventilation is similar
	6. All flexible cabinet could be upgraded to IP54 in maximum, the capacity need to be decreased; upgrade to 1P31,max capacity would be same, but it needs extra cost and longer delivery time.
Breaker	1. Plug-in cabinet has 1250A isolater, could not be changed
	2. Flexi cabinets, if the total current of modules is within 600A , breaker is default choice , if higher than 600A, default choice is 1250A isolater and breaker is also available but more extra cost
	3. Default choice of 600depth cabinets and IP54 cabinets are equipped with breaker
	4. If no special requirement, Chinese brand breakers would be used, which also have reliable quality
others	1. 600depth cabinets and IP54 cabinets have ventilation fans inside , power supply of fans is different in 3P3W system and 3p4w system , 3W/4W must be determined before sending order