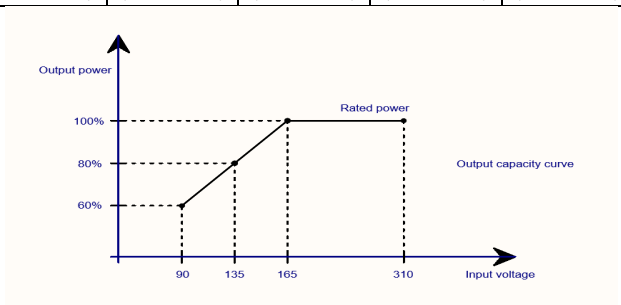








HIGH INVERTER STABILIZER

MODEL	VIA-IS-350	VIA-IS-550	VIA-IS-1000	VIA-IS-2000	VIA-IS-3500	VIA-IS-5000	VIA-IS-10KVA	VIA-IS-15KVA	VIA-IS-20KVA
Input Parameters									
Active Power	300W	400W	800W	1500W	2750W	4500W	9000W	13500W	18000W
Stabilization range	90-310V	90-310V	90-310V	90-310V	90-310V	90-310V	90-310V	90-310V	90-310V
Nominal input frequency	50Hz	50Hz	50Hz	50Hz	50Hz	50Hz	50Hz	50Hz	50Hz
Input frequency range	43-57Hz (Auto detection)	43-57Hz (Auto detection)	43-57Hz (Auto detection)	43-57Hz (Auto detection)	43-57Hz (Auto detection)	43-57Hz (Auto detection)	43-57Hz (Auto detection)	43-57Hz (Auto detection)	43-57Hz (Auto detection)
Power load curve									
Low voltage protection	90V	90V	90V	90V	90V	90V	90V	90V	90V
High voltage protection	310V	310V	310V	310V	310V	310V	310V	310V	310V
Input power	0,99	0,99	0,99	0,99	0,99	0,99	0,99	0,99	0,99
Max input current (peack)	2A	2.6A	5,2A	10A	20A	30A	59A	88A	115A
No-load power	25W	25W	30W	30W	45W	45W	65W	75W	90W
Startup mode	Soft start	Soft start	Soft start	Soft start	Soft start	Soft start	Soft start	Soft start	Soft start
Output Parameters									
Output voltage precision	220±2%	220±2%	220-230±2%	220-230±2%	220-230±2%	220-230±2%	220-230±2%	220-230±2%	220-230±2%
Output frequency	50Hz	50Hz	50Hz	50Hz	50Hz	50Hz	50Hz	50Hz	50Hz
Output voltage waveform	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave
Voltage stabilizer speed	0ms	0ms	0ms	0ms	0ms	0ms	0ms	0ms	0ms
Max output current	1.6A	2.5A	4.5A	9A	15.9A	23A	45A	68A	92A
Protection time	< 200ms	< 200ms	< 200ms	< 200ms	< 200ms	< 200ms	< 200ms	< 200ms	< 200ms
Peak efficiency	97%	97%	97%	97%	97%	97%	97%	97%	97%
Protections									
Low voltage protection: input voltage	＜90V	＜90V	＜90V	＜90V	＜90V	＜90V	＜90V	＜90V	＜90V
High voltage protection: input voltage	＞310V	＞310V	＞310V	＞310V	＞310V	＞310V	＞310V	＞310V	＞310V
Overload protection	yes	yes	yes	yes	yes	yes	yes	yes	yes
High temperature protection	＞85°	＞85°	＞95°	＞95°	＞85°	＞85°	＞85°	＞85°	＞85°
Overload protection	5s at 105-150%load	5s at 105-150%load	5s at 105-150%load	5s at 105-150%load	5s at 105-150%load	5s at 105-150%load	5s at 105-150%load	5s at 105-150%load	5s at 105-150%load
Short-circuit protection	yes	yes	yes	yes	yes	yes	yes	yes	yes
Anti-high-frequency range	150KHZ-80MHz	150KHZ-80MHz	150KHZ-80MHz	150KHZ-80MHz	150KHZ-80MHz	150KHZ-80MHz	150KHZ-80MHz	150KHZ-80MHz	150KHZ-80MHz
Components									
Switch model	KCD2	KCD2	KCD2	KCD2	/	/	/	/	/
MCB type	/	/	/	/	20A	25A	50A	85A	125A
Design									
Display type	LED	LED	LCD	LCD	LCD	LCD	LCD	LCD	LCD
Waterproof and dustproof rating	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20
Plug type	Socket	Socket	Socket	Socket	Connector	Connector	Connector	Connector	Connector
The dimensions of the housing of the stabilizer (W*D*H), mm	230x160x80	242x160x80	310*190*80	310*190*80	358*263*108	360*265*110	505*370*105	565*500*105	670*530*160
Weight of stabilizer, kg	1.4KG*4unit	1.52KG	3KG	3.06KG	5.9KG	6KG	11.5KG	17KG	20KG