

Hajir Sanat co.

Servo F *SERIES*

THREE PHASE SERVO MOTOR AUTOMATIC VOLTAGE REGULATOR

50KVA-3000KVA

Servo F series full automatic three-phase electric voltage regulators with compensator (herein-after referred to as the voltage regulator) are designed with the advanced European technology and can be customized on various situations of different countries and areas. When the voltage fluctuation happens with the fluctuation of external power grid voltage or load variation, they can keep the stable output voltage automatically. Compared with other types of voltage regulators, Servo F series has the advantages, such as the large capacity, high efficiency, no waveform distortion, voltage adjustment stability.

It is applicable for large-sized electromechanical equipment, metal processing equipment, production lines, construction engineering equipment, elevators, medical equipment, light-textile equipment, air conditioners, broadcasting TV, household appliances and lighting in various fields like industry, agriculture, traffic, post & telecommunication, military, railway, scientific research culture, etc.



Specification Servo F Series		50KVA	60KVA	80KVA	100KVA	150KVA	200KVA	250KVA	300KVA	350KVA
Input	Phase	3-phase 4-wire								
	Voltage	AC 304V-456V								
	Frequency	50Hz/60Hz								
Output	Voltage	AC 380V ±3%								
	Capacity	40KW	48KW	64KW	80KW	120KW	160KW	200KW	240KW	280KW
	Frequency	50Hz/60Hz								
Protection	Low voltage	318V±7V								
	Over voltage	426V±7V								
	Time Delay	Default 5s								
	Overload/ short circuit	MCB/MCCB								
Packaging	Pcs per Carton	1								
	Net Wt.(kg)	/	210	/	260	/	430	1.8		
	Shipping Wt.(kg)	/	220	/	280	/	450	16.8		
	Packing dimensions (mm)	600*750*1330		620*850*1440		750*1000*1750		900*1100*1790		1100*1000 *1790
Efficiency	AC-AC	98%								
Acoustic	Noise level	≤50dB								
Environment	Temperature	-15℃ to +45℃								
	Humidity	20% to 90%								

Specification Servo F Series		400KVA	500KVA	600KVA	800KVA	1000KVA	1200KVA	1500KVA	3000KVA
Input	Phase	3-phase 4-wire							
	Voltage	AC 304V-456V							
	Frequency	50Hz/60Hz							
Output	Voltage	AC 380V ±3%							
	Capacity	320KW	400KW	480KW	640KW	800KW	960KW	1200KW	1600KW
	Frequency	50Hz/60Hz							
Protection	Low voltage	318V±7V							
	Over voltage	426V±7V							
	Time Delay	3-6 s/3-6 min Selectable							
	Overload / short circuit	MCB/MCCB							
Packaging	Pcs per Carton	1							
	Net Wt.(kg)	740	1050	1090	1835	2335	/	/	/
	Shipping Wt.(kg)	765	1075	1115	1860	2360	/	/	/
	Packing dimensions (mm)	1100*1000*1790	1400*1100*2060		(1680*1300*1800)*2			(1680*1300*1800)*3	(1680*1300*1800)*6
Efficiency	AC-AC	98%							
Acoustic	Noise level	≤50dB							
Environment	Temperature	-15℃ to +45℃							
	Humidity	20% to 90%							