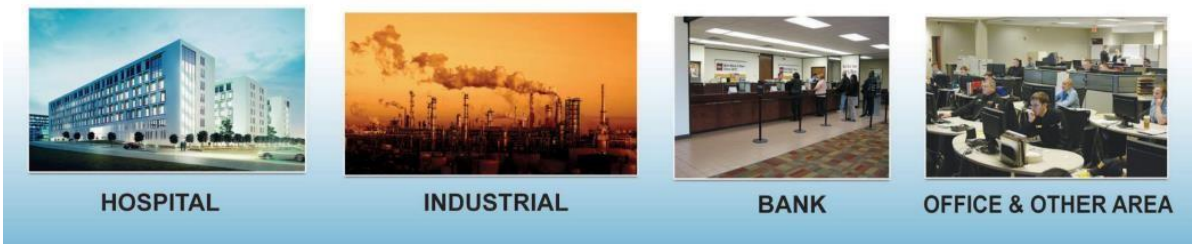
Servo Stabilizer Dimmer Series

Rated Capacity: 1KVA to 2000 KVA
AIR COOLED & OIL COOLED
IP 20 CABINET

Specially Design For



Specification for Servo Voltage Stabilizer:

Specification	**Technical data**
product name	Compensating AC Stabilizer
Model NO.	
rated capacity	400 KVA
wire system	3 phase 4 wires
input voltage	Input three phase 380V（±20%） 304V-456V
Output voltage	three phase 380V（leave factory set）， 380V±3%
working frequency	50Hz
Constant Voltage Precision	±（1~5）adjustable
regulating mode	separate regulating
noise	55db
Insulation class	F
Operation time	≥100,000 hours
Protection class	IP20
Voltage withstanding	2000V, 1 min. not broken
Wave deformation	≤0.1%
Efficiency	≥98%
insulation resistance	≥2MΩ
response time	≤100ms
Time for stabilizing	When the input voltage jumps 10% relative to the ratedvalue, the stabilization time is less than 1.5S
Packing	plywood packing
Electrical safety	CE
Altitude	< 1000m
Relative humidity	< 90%
Ambient temperature	-15℃ to +45 ℃

main function	Over-voltageand under- voltage protection	When output voltage over or under rated voltage value, equipment will automatically trip
	Over current protection	When the over-current exceeds the rated value, the input will be cut offautomatically
	Mechanical protection	When the voltage regulating operation exceeds the region, the adjustment will be automatically terminated
	Overload protection	Once overload, it will automaticallycut off the power ;
main function	Short circuit protection	When the load short circuit, it will automatically cut off the power supply;
	Bypass function	Can be manually switched to mainssupply the during the maintenance
	Return function	When the sampling voltage exceedsthe set value, the power supply automatically returns to normal
	Display function	LCD display
Optional function,extra charge	Phase sequence protection	when phase sequence is reserve or less,it will automatically protect
	anti-surge performance	The input terminal is equipped with a high-energy surge impulse suppressor,which effectively solves the fatal impact of the pulse spike voltage Between 10μs-100μs, such as lightninginduction on the equipment.
	wave filtering performance	Equipped with a sensitive tracking filter device at the input, which can effectively filter and absorb the pollution signals generated by the inductive load disconnection and the electric field and magnetic field on theline, and strictly control the impact of harmonics on digital equipment;
	remote communication	RS485 communication interface (communication protocol provided)

product characteristics	true effective value sampling	High accuracy, good sensitivity, good measurement rate and frequency characteristics, high input impedance,low output impedance, wide power supply range, low power consumption
	Vacuum dipping paint	high insulation strength, good mechanical properties, low noise, corrosion resistance and long servicelife
	control chip	The MCU control chip adopts the original imported industrial-grade 32-bit interface ARM chip produced by STMicroelectronics, which has the Advantages of strong anti-interference ability, high computing speed, and high-precision AD acquisition. Digitalcircuit control, reliable and intelligent operation.

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