KINBO POWER
Dedicated to provide customers with excellent and
High value-added products

KINBO POWER

Focus on power design and manufacture for 20 years!

KINBO POWER 津佰电源

为客户提供优质稳定的电源产品

COMPANY INTRODUCTION

The culture To create attractive, the pursuit of a dream In order to achieve "enterprise" and "business philosophy," Must create a healthy, positive, Dynamic corporate culture

Under kinbo power supply, Shanghai kinbo Power Supply Technology Co., Ltd. and Jiangsu kinbo Power Supply Industry Co., Ltd. are open manufacturing entities integrating power design, production, sales and service. The company mainly produces regulated power supply, transformer, UPS and bypass cabinet, medical IT isolated power supply, frequency regulated power supply, DC regulated power supply, harmonic filter cabinet, frequency regulated power supply, rectifier, reactor and other power supply products. The company has the professional technology research and development strength, and according to the special requirements of different technologies, accept the commission design, production of products required by users. Customized non-standard power supply products to meet the special power supply environment, professional technical team for customers to design exclusive power supply and distribution system solutions.

Product design and service, to provide customers with excellent quality and reasonable price, high quality products "as quality policy, by Germany, Japan, Korea, Taiwan and other foreign companies welcome, low voltage electric power led industry at present, the company product has covered various application fields, product oil in oil chemical industry, rail transportation, mobile communications, manufacturing, electricity, and other industries has been widely used, Jinbai through scientific management methods, strictly follow the ISO9001 quality management operation system, the company adhering to the "professional application and praise. At present, we are committed to the development of energy-saving power products, continue to strengthen scientific and technological innovation and independent brand construction efforts, and strive to become the best power supplier, to provide users with the best quality and stable power product.

SBW compensation type AC voltage stabilizer

Kinbo power/quality Comes From Profession

Overview

SBW, DBW series AC compensation type power regulator (hereinafter referred to as voltage regulator), is a power supply product independently developed and designed by our company for the current situation of China's national grid, when the external power supply network voltage fluctuation or load fluctuation caused by voltage fluctuation can actively maintain the stability of the output voltage.

This series product compared with other types of voltage regulator, has a large capacity, high efficiency, no waveform distortion, stable voltage regulation, etc, to adapt to the wide load, can withstand the instantaneous overload, but even the period of continuous work, manual/automatic switching, over-voltage protection, lack of phase, phase sequence protection and mechanical fault automatic protection, this machine has reliable operation, small volume, light weight, Easy to use and installation

Features

◎ voltage regulation accuracy: using RMS true RMS sampling control board, voltage regulaHightion accuracy is adjustable from 1 to 5%.
◎ Fast adjustment speed: machine tool slider conduction technology, response time less than or equal to 0.04S, stability time less than 1S.
◎ Full protection function: with over voltage, under voltage, over current, short circuit, over heat, lack of equal protection function.
◎ Wide voltage range: standard ±20%, customized ±30%~±50% range.
◎ High efficiency: voltage regulator efficiency ⩾98%.
◎ Stable control technology: MCU measurement control, imported metering chip design technology, accurate and stable system.
◎ Good output waveform: no distortion, no harmonic output voltage waveforml.
◎ Material selectiet, C1017 alloy brush.
◎ High degree of automatic control: the system is fully automatic voltage regulator, delayed start, automatic recovery
◎ Large load capacity: Voltage regulator capacity is optional from 1KVA to 3600KVA.
◎ Wide load type: Applicable to any load.
◎ Full communication function: RS485 RS232 GRPS optional.

The main technical parameters

Capacityrange	Three-phase capacity:SBW-20~3600KVA;Single-phase capacity:DBW-10~500KVA
inputvoltage	Three-phase 380 vac + / - 20%; Single-phase 220 vac + / - 20%; Customizable ±30% ±40%
outputvoltage	Three-phase 380Vac single phase 220Vac; The output voltage can be customized according to customer requirements, such as 200V 208V 400V
Voltageregulationaccuracy	Adjustable 1% ~ 5%
Frequencyrange	50Hz/60Hz
Efficiencyof	98% (Power grade above 50KVA)
Responsespeed	⩽0.04S
Steadyspeed	Stability time ⩽1S when the input voltage changes by 10% step relative to the rated value
Insulationresistance	⩾2MΩ
Dielectricstrength	2000V 1 minute no breakdown
Waveformdistortion	Compared with input voltage waveform, the increment of relative harmonic content of output voltage waveform is not more than 1%
Communicationsfunctions	It can be equipped with RS232, RS485 and GPRS interfaces to complete remote communication, telemetry and remote control
Displayfunction	LCD Displays the input and output voltage, output current, frequency, temperature, and fault alarm status. HMI touch screen display (optional)
Protectionfunction	With delay output, over voltage, under voltage, overload, short circuit, overheat, lack of phase, inverse equal alarm and protection functions, and after fault recovery, can automatically restore the stabilized power supply.
Workingtemperature	-15°C+45°C
Relativehumidity	10%-90%(20°C±5°C)
Altitude	< 2000m, beyond the standard altitude, according to GB6450 "dry transformer" article 3.2.3 and 4.2 derating use
Protectiongrade	IP21, protection grade below IP45 can be customized
Noise	＜60dB
Executionstandard	JB/T7620－1994 Compensation AC Voltage Regulator

Power transformer for machine tool

Kinbo power/quality Comes From Profession

Overview

CNC machining center is composed of mechanical equipment and CNC system for the processing of complex parts of the high efficiency of automatic machine tools, but also the world's highest output, the most widely used CNC machine tools. Its control system is currently the mainstream configuration of foreign high-end brands Fanuc, Mitsubishi, Germany Siemens and other brand control systems. Kinbo power supply for the ontrol system configuration of the series of high-end machine tools, designed KBCN series of machine tool spindle distribution transformers, products cover SG, OSG, JBK series, and according to customer needs to customize a variety of transformer requirements, such as material requirements, self-coupled isolation, size structure and other requirements for flexible design. Transformer selection of high quality magnetic materials and advanced vacuum immersion equipment and professional production technology, widely used in various vertical machining center, horizontal machining center, gantry milling machine, laser cutting and other CNC machine tool processing equipment.

Product characteristics

1、High isolation
2、N-G has good performance
3、High common mode rejection
4、Convert △ to Y or Y △
5、Voltage taps are easy to convert
6、Designed according to the special performance requirements of users

The main technical parameters

	Single-phaswe	three-phase
system voltage	400、380V/220、200V It can be customized at will	
capacity	0.5～1000kVA	
Phase number	Single phase, three-phase	
efficiency	⩾98%	
No load current	＜4%	
Insulation grade	Class F (Class H optional)	
Insulation strength	2500V, No breakdown in 1 minute	
insulation resistance (MΩ)	⩾10MΩ	
temperature rise	＜100k	
Short circuit impedance	＜4%