A brand trusted by the world

Customers in 60+ countries and from different industries.

Kinco® Automation

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K1E02-2410

Kinco

Product Catalog

Kinco General Catalog

- HMI
- Servo System
- Stepper System
- Controller
- PLC
- VFD

Manfacturing A Better Life

Contents

Kinco Shanghai

Kinco Shenzhen

JAT Kinco Shenzhen

Kinavo Changzhou

Kinco Chengdu

GREEN Series

High-quality, high-performance industrial HMI

With configuration software: Kinco Dtools

Kinco adopts a new design with a strict process to create high-quality GREEN series HMIs.

The GREEN series adopts the mainstream processor in the market, ensuring a long-lasting life cycle and greatly improving the product performance.

Powerful hardware and software, upgrades are more comprehensive

Structure	Material	Color	Core	CPU	Memory
New Structure Exquisite fuselage	Increased hardness and strength Improved temperature resistance	16.77 million true color*except for a few models	Update core version more stable	CPU Freescale industrial frequency 800MHz	DDR3 memory up to 128 M

GREEN Series contain four subseries:

GH series — Enhanced Type 4.3"~15"
- 4 serial port (Except 4.3"), Ethernet
- Standard USB Host port, USB slave port
- Built-in isolated power, isolated serial port (Ethernet model)
- Main board Three-denfence treatment

G series — Standard Type 7",10",12"
- 3 serial port, Ethernet
- Standard USB Host, USB Slave port
- Built-in isolated power

GL series — Economical Type 4.3"~15"
- 2 series port, Ethernet
- Standard USB Host, USB slave port (Except 4.3" models)

GT/GW series — IoT Type 7"/10.1"/12.1"/15"
- Support WIFI, 4G and Ethernet

GR series — Embedded type 4.3"-10"
- No front shell, rear installation

HMI SERVO STEPPER PLC VFD

GREEN Series

Main technical parameters of the product 1

GH Series	GH043/GH043E GH043U2/ GH043EU2		GH070/GH070E			GH104E				GH150E
G Series				G070/G070E/ G070E-CAN	G100/G100E			G121E	G121HE	
GL Series		GL043/GL043E		GL070/GL070E	GL100/GL100E		GL104E			GL150E
Display size	4.3"	4.3"	7"	7"	10.1"	10.4"	10.4"	12.1"	12.1"	15"
Resolution	480×272	480×272	800×480	800×480	1024×600	800×600	800×600	800×600	1024×768	1024×768
Backlight	LED	LED	LED	LED	LED	LED	LED	LED	LED	LED
Operating temperature	-20~55℃	0~50℃	-10~55℃	0~50℃	0~50℃	-10~55℃	0~50℃	-10~55℃	-10~55℃	-10~55℃
Installation hole size	146×81mm	119×93mm	194×113mm	192×138mm	261×180mm	299×219mm	299×219mm	340×250mm	339×249mm	383×283mm
Configuration software	Kinco DTools V3.5.3 and above									

Main technical parameters of the product 2

GT Series	GT070HE	GT070E2	GT100E	GT100E	GT100E2/GT100E2-4G/ GT100E2-WIFI/ GT100E2-CAN	GT121E	GT150E2
	GT070HE-4G*		GT100E-4G*				
	GT070HE-WiFi*		GT100E-WiFi*				
Display size	7"	7"	10.1"	10.1"	10.1"	12.1"	15"
Resolution	1024×600	1024×600	1024×600	1024×600	1024×600	1024×768	1024×768
Backlight	LED	LED	LED	LED	LED	LED	LED
Network	10/100M adaptive	2 x 10/100M adaptive	10/100M adaptive	10/100M adaptive	2 x 10/100M adaptive	10/100MHz adaptive	2 x 10/100M adaptive
Operating temperature	0~50℃	0~50℃	0~50℃	0~50℃	-10~55℃	-10~55℃	-10~55℃
Installation hole size	192×138mm	192×138mm	260×202mm	260×202mm	260×202mm	339×249mm	383×283mm
Configuration software	Kinco DTools V3.5.3 and above						

*Notes: "GT□□□-4G" network: 10/100M adaptive, built-in 4G module;
"GT□□□-WiFi" network: 10/100M adaptive, 2.4GHz WiFi.

Main technical parameters of the product 3

GW Series	GW01	GW01-WiFi	GW01-4G
Processor	ARM RISC 32Bit 800MHz		
Storage	128MB NAND RAM+128MB DDR3 RAM		
Network	2*10/100M self-adaption	self-adaption 2.4GHz wireless WiFi module	2*10/100 self-adaption build in 4G module
Operating temperature	-10℃~55℃		
Dimensions	111.6*93.6*30 mm		
Installation	DIN-Rail Mounting (35mm)		

Main technical parameters of the product 4

GR Series	GR043	GR070E	GR100E
Display size	4.3"	7"	10.1"
Resolution	480×272	800×480	1024×600
Backlight	LED	LED	LED
Operating temperature	0~50℃	0~50℃	0~55℃
Installation hole size	107.2×68.9mm	166×101mm	238×148mm
Configuration software	Kinco Dtool V3.5.1		

*For more models and technical parameters, please refer to HMI product selection manual

GREEN Series 2nd generation

With new configuration software: Kinco DTools Pro

Provide high-performance, efficient development, and cost-effective HMI solutions for smart manufacturing equipment manufacturers!

- Main Frequency 1.5GHz
- 7~15.6 inch resistive screen
- 4GB Large storage space 512MB memory
- Die-cast aluminum housing
- With Kinco DToolsPro software

■ Product Specification

GREEN Series II	G2070HE/G2070HE-WIFI/ G2070HE2	G2100E/G2100E-WIFI/ G2100E2	G2101E/G2101E2	G2121E2	G2150E2	G2156E2/ G2156E-WIFI	G2156E2
Display Size	7"	10.1"	10.1"	12.1"	15"	15.6"	15.6"
Resolution	1024x600	1024x600	1024x600	1024x800	1920x1080	1024x600	1920x1080
Backlight	LED						
Ethernet	G2070HE/G2070HE-WIFI: LAN1:10/100Mbps, G2070HE2: LAN0:10/100MHz; LAN1:10/100MHz	G2100E/G2100E-WIFI: LAN0:10/100 Mbps G2100E2: LAN0:10/100 Mbps; LAN1:10/100 Mbps	G2101E: LAN0:10/100 Mbps G2101E2: LAN0:10/100 Mbps; LAN1:10/100 Mbps	LAN0:10/100Mbps; LAN1:10/100Mbps		LAN0:10/100Mbps;	LAN0:10/100/ 1000Mbps
Operating temperature	0~50°C						
Cutout Size	192x138mm	260x179mm	260x202mm	299x219mm	383x283mm	381.5x245.5mm	381.5x245.5mm
Configuration Software	Kinco DtoolsPro						

FUTURE Series 2nd generation

A must-have smart terminal for high-end manufacturing

With new configuration software: Kinco DTools Pro

Based on more than 20 years of independent research and development experience in this field, Kinco integrates the latest IoT , big data, cloud computing, edge-device collaboration technology and launched the second-generation of FUTURE series HMI.

Adopt high-performance platform, multi-core high frequency CPU, large memory and storage Work with Kinco DToolsPro software to provide a good user experience

- Main Frequency 1.8GHz
- 8GB Large storage space 1GB memory
- Power isolation + PCB protection
- With Kinco DTools Pro

■ Product Specification

FUTURE series II	F2070E2	F2100E2	F2121E2	F2150E2	F2156E2	F2156E2-PX
Display Size	7"resistor	10.1"resistor	12.1"resistor	15"resistor	15 inch resistor	15.6" capacitor
Resolution	800x 480	1024 x 600	1280 x 800	1024x768	1920 x 1080	1920 x 1080
Backlight	LED	LED	LED	LED	LED	LED
Network	LAN0: 10/100/1000MB LAN1: 10/100MB	LAN0: 10/100/1000MB LAN1: 10/100MB	LAN0: 10/100/1000MB LAN1: 10/100MB	LAN0: 10/100/1000MB LAN1: 10/100MB	LAN0: 10/100/1000MB LAN1: 10/100MB	LAN0:10/100/1000MB LAN1:10/100MB
Working Temperature	0~50°C	0~50°C	0~50°C	0~50°C	0~50°C	0~50°C
Cutout Size	192×138mm	260×202mm	295×217mm	352×279mm	381.5×245.5mm	381.5×245.5mm
Configuration Software	Kinco DtoolsPro					

MASS Series 2nd generation

Software and hardware iteration, quality first.

For 3C electronics, packaging, automotive electronics, logistics, food machinery and other scenarios.
With Dtools configuration software, greatly improving efficiency.

Industrial-grade multi-core CPU and 256MB NAND flash memory + 128MB DDR3 memory;
High-definition display, 16 million true colors;
Display brightness of 450cd/㎡, contrast ratio of 800:1;

Quality first, new MASS series second-generation human-machine interface

IPS high-definition display

Improved touch control
Smoother operation

Multi-core CPU
Faster processing speed

E-commerce
Double storage

MADE IN CHINA

Domestication of devices
Stable supply

■ Product Specification 1

MR Series	M2043H	M2043HE	M2070H	M2070HE	M2100	M2100E
Display Size	4.3"	4.3"	7"	7"	10.1"	10.1"
Resolution	800X480	800X480	1024×600	1024×600	1024×600	1024×600
Backlight	LED	LED	LED	LED	LED	LED
Network	-	10/100M adaptive	-	10/100M adaptive	-	10/100M adaptive
Working Temperature	0~50°C	0~50°C	0~50°C	0~50°C	0~50°C	0~50°C
Cutout Size	119×93mm	119×93mm	192×138mm	192×138mm	260×179mm	260×179mm
Configuration Software	Kinco DTools V4.1 and above					

■ Product Specification 2

MR Series	MR043	MR050
Display Size	4.3"	5"
Resolution	480 x 270	800 x 480
Backlight	LED	LED
Network	-	-
Working Temperature	0~50°C	0~50°C
Cutout Size	115 x 66 mm	134.4 x 70.8mm (133.5 x 71mm compatible)
Configuration Software	Kinco DTools	

Industry-specific HMI

Special industrial HMI

Exclusive to certain industries

SZ7G handheld terminal

-Basic specifications: 7" TFT, 800x480 pixel, 16.77 million true colors;
-Standard configuration: Three selection switch, emergency stop switch, grip switch, 10 custom buttons, 2 indicator lights;
-Practical design: Both buttons and touch control, wider application, more flexible choice;
-Mobile operation: handheld terminal with 5 m cable as standard;
-A variety of installation methods, suspension type, bracket type, etc

G100E-LRF waterproof HMI

- The whole machine is IP65, shockproof and waterproof
- Easy to use, USB flash drive update program
- Handheld mobile debugging
- Support multiple installation methods

MR2070HE embeded HMI

- Dual-core CPU, main frequency 1GHz
- 256MB storage + 128MB RAM
- Single wiring harness design, serial port and power supply integrated
- Embedded compact terminal, beautiful and convenient, saving space
- Ethernet port + serial port + USB (can be OTG to USB flash drive), multiple program download methods
- Widely used in desktop equipment, medical equipment, mobile robots, machine tool accessories, etc.

■ Product Specification

Model	SZ7G/SZ7GS/SZ7GE/SZ7GES	G100E-LRF	MR2070HE
Display Size	7"	10.1 resistor	7"
Resolution	800×480	1024x600	1024×600
Backlight	LED	LED	LED
Working Temperature	0~50°C	0~50°C	0~50°C
Cutout Size (mm)	bracket/suspension Installation	260x202mm	166x101mm
Protection Level	IP65 (front panel)	IP65 (whole machine)	IP65 (front panel)

FD5P Series

Modbus CANopen EtherCAT

Kinco FD5P series AC servo system

Product model :	**FD415P/425P**
Product power :	400W/750W/1000W

■ Main characteristics

- Support pulse control, Modbus, CANopen, EtherCAT
- Notch filter to achieve vibration suppression
- EASY Tune optimization and upgrade + online self-tuning
- Suitable for high-precision encoder applications
- S-curve control
- Real-time synchronous control, improve productivity and multi-axis synchronous control accuracy
- 7 digital inputs, 5 digital outputs, and encoder output
- Overvoltage protection, undervoltage protection, overcurrent protection, overheating protection, short circuit protection

■ Applicable industry

- Robotics: SCARA robot, DELTA robot, and six-joint robot
- Packaging: slitting machines, pillow packaging, and stand-up bags
- Machine tool: engraving and milling machines, precision engraving machines, and laser cutting
- Logistics: sub-building lines and warehouse equipment
- Other occasions requiring high response speed and positioning accuracy

*1 Part of types. Please discuss with local sales director.

FD2S Series

Modbus CANopen EtherCAT

Kinco FD2S series AC servo system

Product model :	**FD412S/422S/CD423S**	**FD612S/622S**
Product power :	50W~2000W	1000W~3000W
Power supply voltage :	1-phase/3-phase 200~240VAC	3-phase 380~415VAC

■ Main characteristics

- Supports MODBUS, CANopen, and EtherCAT, pulse, and analog control
- Supports EASY TUNE gain automatic adjustment, applicable to most scenarios
- Independent motor brake output interface, directly drives the motor brake
- 24VDC independent logic power input, keeps monitoring servo status after the main power supply is cut off
- Overvoltage, overcurrent, and overheating protection
- Supports incremental encoders and absolute encoders up to 24-bit, the maximum working temperature is 120 Celsius degree
- CE certification, ROHS environmental certification standards

■ Applicable industry

- Robotics: SCARA robot, DELTA robot, and six-joint robot
- Packaging: slitting machines, pillow packaging, and stand-up bags
- Machine tool: engraving and milling machines, precision engraving machines, and laser cutting
- Logistics: sub-building lines and warehouse equipment
- Other occasions requiring high response speed and high positioning accuracy

JD Series

European high-performance bus servo system

Modbus CANopen EtherCAT

Kinco JD series European bus servo system

Product model :	**JD420/430**	**JD620/630/640/650/660**
Product power :	200W~2000W	1500W~7500W
Power supply voltage :	1-phase/3-phase 200~240VAC	3-phase 380~415VAC

■ Main characteristics

- European-style terminal, no need for welding
- Support MODBUS, CANopen, EtherCAT communication protocols
- Support master-slave following and multi-axis synchronization
- Support full closed-loop control
- Accessible servo parameter setting system
- Support two-axis or multi-axis interpolation, and electronic cam
- Mechanical vibration suppression
- SIL3/Cat.3/PL safety (safe torque off)*
- UL certification, CE certification, ROHS environmental certification standards

■ Applicable industry

- Robotics: SCARA robot, DELTA robot, and six-joint robot
- Packaging: slitting machines, pillow packaging, and vertical packaging machinery
- Machine tool: engraving and milling machines, precision engraving machines, laser cutting, and plasma cutting equipment
- Logistics: sorting lines and AVG
- Other occasions requiring high response speed and high positioning accuracy

* Part of types. Please discuss with local sales director.

HMI SERVO STEPPER PLC VFD

FD1X5 Series

Low voltage servo system

Modbus CANopen

Kinco FD1X5 series economical DC servo system

Product models:	FD125 power range: 200W~400W, power supply voltage: DC24V~70V, rated current 12A (up to 15Arms with auxiliary heat dissipation) FD135 power range: 750W, power supply voltage: DC24V~70V, rated current 20A (up to 30A with auxiliary heat dissipation)*1 FD145 power range: 1kW~1.5kW, power supply voltage DC24V~70V, rated current 30A (up to 50A with auxiliary heat dissipation)*1

■ Main Characteristics

- Brand-new control platform, three-ring bandwidth comprehensively improved
- Compatible with RS485 and CAN communication at the same time
- Low driving efficiency has been comprehensively improved
- Automatically identify motor parameters
- S-curve and parameter self-tuning functions
- Motor temperature monitoring, over-temperature protection
- CE certification, ROHS environmental certification standards

■ Applicable Industry

- Logistics robots: automatic navigation freight robots, shuttle vehicles, and automatic parking robots
- Logistics equipment: fully automatic sorting lines and three-dimensional warehouses
- Medical equipment: small systems
- Other occasions requiring high response speed and high positioning accuracy

*One model under development

FD1X4S Series

Low-voltage servo system

Modbus CANopen EtherCAT

Kinco FD1X4S series economic DC servo system

Product model :

FD124S Power range: 200W~400W, power supply voltage: DC24V~70V, rated current 12A (up to 15Arms with auxiliary heat dissipation)
FD134S power range: 750W, power supply voltage DC24V~70V, rated current 20A (up to 25A with auxiliary heat dissipation)
FD144S power range: 1kW~1.5kW, power supply voltage DC24V~70V, rated current 30A (up to 40A with auxiliary heat dissipation)
FD164S power range: 1.5kW~3kW, power supply voltage DC24V~70V, rated current 60A (up to 80A with auxiliary heat dissipation)

Note: FD124s, FD134s, FD144s plus auxiliary cooling current can reach 14arms, 25Arms and 40arms respectively, This value is measured by installing the driver on the oxidized black 6063 aluminum plate with length * width * height of 300 mm * 300 mm * 10 mm
FD164S output current can reach 80 Arms,This value is measured by installing the driver on the oxidized back 6063 aluminum plate with length * width * 400mm*400mm*10mm

■ Main characteristics

- Support pulse, analog control.
- Support encoder signal output, master-slave.
- Support MODBUS, CANopen and EtherCAT communication control. *[1]
- Low-voltage DC power supply, satisfy with requirements of moving car's power and power supply.
- New small-size terminal design, compact size and beautiful appearance.
- 3 times (For maximum) *[2] overload design, increase response speed when car starts/stops.
- Over-current, over-heat, over-voltage and motor over-heat protection(I2T), ensure driving system in a safe state.
- All series products conform with CE verification and ROHS environment verification standard.

■ Applicable industry

- Logistics robots: Automatic navigation freight robot, multi-shuttle robot, automatic parking robot and etc.
- Logistics device: Sorting machine, tridimensional warehouse device and etc.
- Medical device: small size system.
- Other occasions: High response speed and high positioning precision.

*1 Choose driver type according to different CAN bus requirement
*2 Overload ability is limited by motor and driver setting, Please discuss with local sales director

HMI | SERVO | STEPPER | PLC | VFD

OD Series

Modular servo system

Modbus CANopen EtherCAT

Kinco OD series modular servo system

Product model :

OD124S Product power: 50W~400W, Power supply voltage: DC24V~70V, Rated current 10A
OD134S Product power: 400W~750W, Power supply voltage: DC24V~70V, Rated current 20A
OD134S Power range: 50W-400W, Power supply voltage: DC24V~70V, Rated current 20A

■ Main characteristics

- Mini size, modularization design, rapidly make up multi-driving cases.
- Embedded design, can make driver embedded into customer control system, achieve integration of drivers and controllers.
- Support pulse, analog control.
- Support encoder signal output, slave-master.
- Support MODBUS, CANopen and EtherCAT communication control.
- Low-voltage DC power supply, satisfy with requirements of moving car's power and power supply.
- New small-size terminal design, compact size and beautiful appearance.
- 3 times (For maximum) * overload design, increase response speed when car starts/stops.
- Over-current, over-heat, over-voltage and motor over-heat protection(I2T), ensure driving system in a safe state.
- All series products conform with CE verification and ROHS environment verification standard.

■ Applicable industry

- Logistics robots: Automatic navigation freight robot, multi-shuttle robot, automatic parking robot and etc.
- Logistics device: Sorting machine, tridimensional warehouse device and etc.
- Medical device: small size system.
- Other occasions: High response speed and high positioning precision.

* Overload ability is limited by motor and driver setting, Please discuss with local sales director.

iSMK Series

Integrated servo drive motor

Modbus CANopen

Kinco iSMK series integrated servo drive motor

Product models:

iSMK60 power range: 200W, power supply voltage DC24V-70V, rated current 7A
iSMK60 power range: 400W, power supply voltage DC24V-70V, rated current 12A
iSMK80 Power range: 750W, power supply voltage DC24V-70V, rated current 23A

■ Main Characteristics

- 300% overload capacity
- Support CANopen, Modbus RTU
- Multiple safety protection such as overvoltage protection, undervoltage protection, short circuit protection, motor overheating (IT) protection, and driver overheating protection
- Can be equipped with an integrated reducer as standard, suitable for rotating and jacking
- Standard IP65 and optional IP67 for harsh enviornment
- CE certification, ROHS environmental certification standards

■ Applicable Industry

- Logistics robots: automatic navigation freight robots, shuttle vehicles, automatic parking robots, etc.
- Logistics equipment: fully automatic sorting lines, three-dimensional warehouses, etc.
- Medical devices: small systems
- Other occasions requiring high response speed and high positioning accuracy

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MD Series

Integrated servo drive and motor

Modbus CANopen EtherCAT PROFINET

Kinco MD series modularization servo system

Product model :

MD60 prower range 200w, power supply DC24V-70V,rated current 5A
MD60 prower range 400W, power supply DC24V~70V,rated current 10A
MD80 prower range 750W, power supply DC24~70V, rated current 20A

■ Main characteristics

- Compact structure
  The product integrates servo driver and low-voltage servo motor, which is smaller and saves installation space
- High reliability
  The connection line between the motor and the driver is omitted to reduce the equipment failure caused by connection problems and reduce the equipment failure rate

■ Applicable industry

- Logistics robots: Automatic navigation freight robot, multi-shuttle robot, automatic parking robot and etc.
- Logistics device: Sorting machine, tridimensional warehouse device and etc.
- Medical device: small size system.
- Other occasions: High response speed and high positioning precision.

* Overload ability is limited by motor and driver setting, Please discuss with local sales director.

iWMC

Integrated servo wheel module

Kinco iWMC integrated servo wheel module

Product models:

iWMC10409-02222-A165-MBDT with brake
iWMC10409-02222-A165-MADT without brake
iWMC10409-02222-0000-MBDT with brake, without rubber-coated wheels
iWMC10409-02222-0000-MADT does not come with brake or rubber-coated wheels

■ Main Characteristics

- Fully integrated design, the four modules of wheels, reducer, servo motor, and driver (including encoder) are integrated
- Optimize the installation structure, make the installation faster and easier
- Dual power supply design, makes the system safer and more reliable
- Optimize the design of the reducer, with low noise and low temperature rise

■ Application scenarios

Mobile robots with loads below 600 kg

FMC Series

Frameless torque motors

Frameless torque motors are different from traditional servo motors in that they only have the stator and the rotor, making them flexible in configuration and easy to install. Based on the current trend of highly integrated servo systems, frameless motors are more in line with engineers' goals and expectations as they do not need to consider the motor interface like traditional designs. The space occupied by the power output unit in the drive system can be minimized to achieve higher system integration.

■ Main features

- Lightweight and thin, faster and smoother movement, smaller size and lower temperature rise under the same torque
- Through in-depth optimization of the electromagnetic scheme, higher torque density is obtained, with multi-slot poles and small cogging torque.
- Product sizes that are in line with international standards can seamlessly replace mainstream foreign products and match the size of mainstream harmonic reducers in the market
- Various frame sizes and larger hollow inner diameter can meet customers' diverse stringing needs, covering 3-25kg load requirements
- Provide customization: optional Hall, temperature sensors, etc., with obvious cost advantages
- The digital factory continues to produce stably, with global distribution and offices in many places in China to provide support and services.

Servo Motor

Motor flange	Power	Torque	Rated working voltage
40 flange motor	50W, 100W	0.16Nm~0.32Nm	48VDC, 220VAC
60 flange motor	100W, 200W, 300W, 400W, 600W	0.64Nm~2Nm	24VDC, 48VDC, 220VAC
80 flange motor	400W, 750W, 1000W	1.27Nm~3.18Nm	48VDC, 220VAC, 380VAC
110 flange motor	1050W, 1260W, 1570W, 1880W	4Nm~6Nm	48VDC, 220VAC, 380VAC
130 flange motor	1000W, 1500W, 2000W, 3000W	4.8Nm~14.3Nm	48VDC, 220VAC, 380VAC
150 flange motor	2300W, 3000W, 3500W, 3800W	11Nm~18Nm	380VAC
180 flange motor	3500W, 4400W, 5500W, 7500W	27Nm~48Nm	380VAC

■ Motor

	SMC series motor	High cost-performance ratio, low cogging torque Can install magnetoelectric, incremental, single/multi-turn absolute encoder Can match with outgoing line/domestic aviation plug
	SMK series motor	Low cogging torque, high protection Support multiple incremental, absolute value magneto electric and optoelectronic encoders Customizable cable length

Stepper Driver

FM Series Field bus Stepper Driver

Product model:

FM860 Power supply voltage: DC24V~70V,
Output current: 0.15~8A
FM880 Power supply voltage: DC24V~70V,
Output current: 0.15~10A

■ Main features

- Support MODBUS, CANopen, EtherCAT protocol.
- Support RS232 communication, parameter settings by KincoStep software.
- Support PLS+DIR, CW/CCW and A+B signal.
- Multiple I/O functions, supporting homing, multi-speed, multi-position and lots of other control mode.
- Support automatic parameter adjustable regulation, self-defined shalf-lock, step smooth filter.
- Over-voltage, under-voltage, overheat and over-current protection.
- 2-phase(42,57,86) and 3-phase(57,85) hybrid stepper motor (drive current is under 6A).

CM Series Stepper Driver

Product model:

2CM525、2CM545、2CM560、2CM860、2CM880、3CM880、CM422B、CM442C、CM880A、CM880B、CM880C

■ Main features

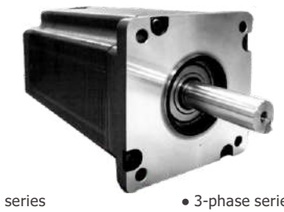
- Support PLS+DIR, CW/CCW.
- Micro-step filter function to make motor run stably at low speed.
- Wide voltage range for signal input, easy to wire.
- Parameter self-adaptive function to make motor run smoothly according to different motor type.
- Compact size to save installation space.

■ Applicable industry

- Electronic device fabrication, Special machine tool, Industrial robot, Inkjet printing device, Clothing textile device, Logistics device, Medical device, AGV, Package device, etc.

Stepper Motor

• 2-phase series



• 3-phase series

Kinco 2-phase and 3-phase hybrid stepper motors are made of high quality CRS (Cold Rolled Steel) and thermostability permanent magnet. The flange size of 2-phase series ranges from 42mm to 130mm, the 3-phase series are of 57mm and 85mm. Kinco stepper motors feature low temperature rise, high reliability and stability, which make Kinco stepper motors suitable for different industries under different ambient conditions.

■ Motor list

Phase	Size	Product model	Holding torque (N.m)	Phase current (A)		Winding resistance (Ω)	Winding inductance (mH)	Motor inertia (Kg.cm²)	Number of lead wires	Shaft diameter (mm)	Shaft type	Motor length (mm)	Weight (Kg)	Step angle (°)
				Series	Parallel									
2-phase	42	**2S42Q-0240**	0.22	0.4	0.4	12.5±10%	21±20%	0.054	4	5	No key	40	0.28	1.8
		2S42Q-0348	0.34	0.7	1.4	4.6±10%	4±20%	0.068	8	5	No key	48	0.36	1.8
	57	**2S57Q-0541**	0.5	0.7	1.5	3.6±10%	4.1±20%	0.135	8	6.35	Platform	41	0.45	1.8
		2S57Q-0956	0.9	1.96	3.92	0.8±10%	1.2±20%	0.3	8	6.35	Platform	56	0.7	1.8
		2S57Q-1376	1.3	1.96	3.92	1±10%	2.1±20%	0.48	8	6.35	Platform	76	1	1.8
		2S57Q-2280	2.2	2.8	5.6	0.8±10%	1.8±20%	0.53	8	8	Platform	80	1.1	1.8
		2S57Q-25B2	2.5	2.9	6	1±10%	1.8±20%	0.8	8	8	Platform	112	1.7	1.8
	86	**2S86Q-3465**	3.4	6	6	0.3±10%	1.7±20%	1	4	13	Flat key	65	1.7	1.8
		2S86Q-4580	4.5	6	6	0.38±10%	3.5±20%	1.4	4	13	Flat key	80	2.3	1.8
		2S86Q-85B8	8.5	6	6	0.6±10%	6±20%	3.4	4	13	Flat key	118	3.7	1.8
		2S86Q-051F6	12.8	6	6	0.85±10%	10±20%	4	4	15.875	Flat key	156	5.3	1.8
	110	**2S110Q-03999**	11.7	5.5	5.5	0.7±10%	9.8±20%	5.5	4	19	Flat key	99	5	1.8
		2S110Q-047F0	21	6.5	6.5	0.72±10%	12.8±20%	10.9	4	19	Flat key	150	8.4	1.8
		2S110Q-054K1	30	8	8	0.67±10%	11±20%	16.2	4	19	Flat key	201	11.7	1.8
	130	**2S130Y-063R8**	40	7	7	0.9±10%	9.5±20%	48.4	4	19	Flat key	230	19	1.8
3-phase	57	**3S57Q-04056**	0.9	5.6	5.6	0.7±10%	1.7±20%	0.3	4	6.35	No key	56	0.72	1.2
		3S57Q-04079	1.5	5.8	5.8	1.05±10%	2.4±20%	0.48	4	8	No key	79	1	1.2
3-phase	85	**3S85Q-04097**	4	5.8	5.8	1.1±10%	4.6±20%	2.32	4	12	Whitney key	97	2.7	1.2
		3S85Q-040F7	7.5	4	4	1.78±10%	17.1±20%	0.44	4	14	Flat key	157±1	5.3	1.2

Motion controller

The perfect combination of intelligent terminal, motion controller and robot controller provides one-stop solution for intelligent manufacturing

As the ideal choice of high-end intelligent equipment, Kinco multi axis motion controller has the characteristics of powerful function, fast calculation speed, simple and easy to use.
It is widely used in robot, 3C electronics, new energy, intelligent manufacturing and other fields.

■ AK840 EtherCAT Bus-based Controller

CPU: Quad-core 64-bitArm Cortex-A53,1.4GHZ
Standard Platform: Fully supports IEC31131-3 standard CoDeSyS programming software
Capability: EtherCAT bus, enabling synchronous motion control for up to 32 axes
Modular Design: Modular and compact design, equipped with 8 digital inputs and 8 digital outputs

■ Model parameters of motion controller

Model and specifications	Description
AK840M-0808DTN	32-axis EtherCAT bus-based motion controller
Technical Specifications	
Rated Input Voltage	24V DC +/-20%
Rated Power	6W(CPU unit only)/20W(Full-load)
Protection	Short Circuit Protection Reverse Connection Protection Surge Suppression
Communication Interfaces	1*EtherCAT 2*Ethernet 1*RS-485 1*USB OTG
Expansion	K-bus
Motion Control	Supports motion control functions such as electronic gearing, electronic cam, interpolation, etc., for 8 to 32 axes with a cycle time of 1ms to 4ms.
Program Memory	32MB
Data Memory	32MB
Non-volatile Storage	1MB
DI Specification	
Type	PNP/NPN
Input-channel	8
Rated Input Voltage	24V DC, with a maximum allowable voltage of 30V DC
Input Impedance	5.4K
Logic Level "0"	＜5V,0.8mA
Logic Level "1"	＞11V,2mA
Input Delay	＜2.5uS
Isolation	Optoelectronic isolation, 500VAC per minute
Status Indicator	Corresponding LED lights up in green when an input signal is detected
DO Specification	
Type	NPN(transistor)
Output-channel	8
Rated Input Voltage	24V DC, with a maximum allowable voltage of 30V DC
Output current per channel	500mA @ 24V DC Max.
Output Leakage Current	Max. 10μA
Output Impedance	Max. 0.3Ω
Output Delay	＜5uS
Protection	Inductive Leoad Output Protection Short Circuit Protection
Isolation	Optoelectronic isolation, 500VAC per minute
Status Indicator	Corresponding LED lights up in green when an output signal is detected

RP20
Series I/O Module

Expansion Bus: EtherCAT bus protocol, fast data response, strong expansion capability
Modular Design: Compact and easy-to-installed modular design, with independent modules, pluggable terminals, high integration
K-bus: Kinco-RP20 series dedicated bus, with microsecond-level IO refresh

■ Specification

Model	Description
RP20C-ECT	EtherCAT-Based Bus Coupler
Technical Specifications	
Rated Input Voltage	24V DC +/-20%
Rated Power	2W(Coupler unit only)/20W(Full-load)
Protection	Short Circuit Protection Reverse Connection Protection Surge Suppression
K-bus	Rate: 100Mbps Typical IO Refresh: With 16 RP20 modules, achievable down to 60us
Expansion Capability	Supports up to 16 RP20 Expansion Modules
*K-bus Bus is a proprietary protocol for Kinco-RP20 series.	

■ Product List

Model	Description
RP20C-ECT	EtherCAT-Based Bus Coupler
RP20-0016DTP	DO 16*24V DC, PNP
RP20-0016DTN	DO 16*24V DC, NPN
RP20-1600DT	DI 16*24V DC
RP20-0808DTP	DI 8*24V DC, DO 8*24V DC, PNP
RP20-0808DTN	DI 8*24V DC, DO 8*24V DC, NPN
RP20-0008DR	DO 8* Relay
RP20-0400IV	AI *4: 4-20mA/1-5V/0-20mA/0-10V/0-5V
RP20-0400RD	AI 4* RTD
RP20-0400TC	AI 4* TC
RP20-0004IV	AO *4: 4-20mA/1-5V/0-20mA/0-10V/0-5V
RP20-0202IV	AI *2: 4-20mA/1-5V/0-20mA/0-10V/0-5V AO *2: 4-20mA/1-5V/0-20mA/0-10V/0-5V
RP20-PW	Power supply module，Powered by 24V DC, Rated Power:20W

HMI SERVO STEPPER PLC VFD

PLC
K6S/K6/KS/MK Series

Easy to operate, cost-effective

Kinco K6S Series PLC

Kinco K6S series PLC is a compact modular PLC. The modular plug-in design saves more than 50% of the horizontal installation space, and the wiring can be tightened without tools, making the installation and maintenance process simpler and more efficient.
Despite the simple design, it is also equipped with a powerful core, integrating high-speed input/output, Ethernet, CAN, RS485 and other conventional functional interfaces, further improving the flexibility, reliability, efficient control and other performance, providing reliable control solutions for industrial automation systems.

■ Main features
- 8K instruction program storage space, 20K bytes data storage space
- Integrated real-time clock (RTC), 1 Ethernet interface, 2 RS485, 1 CAN interface (both RS485 and CAN interfaces have built-in isolation)
- Integrated 4 channels of high-speed pulse output (all channels support PTO and PWM mode output), 4 channels of high-speed input counting (supports single/double/phase, AB quadrature mode)
- Expansion port plug-in design, can connect up to 16 extensions, rich combinations

Kinco K6 Series PLC

K6 series is a small and high-performance standard PLC. It adopts a brand-new technology platform and provides Ethernet, CAN bus, and expansion BD board interface while ensuring high performance and high reliability. It has fast running speed, large storage space, and significantly improved functions, can meet the diverse needs of users.

■ Main features
- Standard 10/100M Ethernet port, supports TCP/UDP and other protocols, support up to 16 clients
- Support BD board, expand CAN bus or serial port, etc., convenient and economical
- CPU is equipped with multiple high-speed pulse I/O as standard, and can be connected to 14 expansion modules
- Adopts a new MCU platform with faster processing speed and software functions such as arrays and stacks

Kinco KS Series PLC

KS series is a small and high-performance integrated PLC. It is ultra-thin with reliable functions. The CPU comes with CAN bus interface, 200K high-speed I/O, expansion modules, and other functions to meet the needs of users of a variety of applications.

■ Main features
- Ultra-thin body, compact installation, saving space
- New MCU platform, 0.25us LD command scanning speed
- CAN interface and convenient control commands for high-speed multi-axis applications
- 4x high speed counters, and 3x high speed pulse outputs, up to 200kHz
- Expansion module can be used as a MODBUS remote IO port to save costs

Kinco MK Series PLC+HMI (Combo)

The Kinco MK series is an economical HMI+PLC combined product that supports IoT functions. The MK series, based on the cost-effectiveness of the HP series, uses a high-performance CPU and applies the Dtools software platform to support rich screen components and functions. In addition, it combines the Kinco machine IoT technology platform to provide remote upload and download, transparent PLC, VNC monitoring, equipment management and other remote operation and maintenance functions to provide more value to users.

■ Main features

- Built-in IoT function, supports program download, transparent transmission of PLC, VNC monitoring, equipment management and other remote operation and maintenance functions
- The HMI uses industrial-grade CPU, large-capacity storage, and supports the Dtools programming software of Kinco
- Equipped with Ethernet interface, which can be connected to Ethernet devices, supports USB expansion storage, etc., which is convenient for connecting more peripherals
- 8* KS expansion modules can be connected to meet the various application needs
- 4* high-speed pulse counters, and the maximum counting frequency of the pulse counters is 50KHz
- 4* high-speed pulse outputs, support PTO (pulse train) and PWM (pulse width modulation) output
- The PLC part contains 2 RS485 interfaces, PORT1 and PORT2, with a maximum communication rate of 115.2kbps

PLC

■ Kinco PLC module table 1

Series	Type	Order Number	Description
K6S	CPU module	K615S-16DT	Powersupply: DC24V DI: 8*DC24V(PNP/NPN), DO 8*DC24V(PNP) Support 3 channels of high-speed input at 200KHz, 1 channel at single-phase 20KHz/double-phase 10KHz Support 3 channels of high-speed Output output at 200KHz, 1 channel at maximum 10KHz CommunicationInterfaces: 2*RS485,1*Ethernet, 1*CAN Support connecting up to 16 K6S-series expansion modules
	Expension I/O module	K621S-16DX	DI 16*DC24V(NPN/PNP)
		K622S-16DT	DO 16*DC24V(PNP)
		K622S-16DR	DO 16*Relay
		K623S-16DT	DI 8*DC24V(NPN/PNP), DO 8*DC24V(PNP)
		K622S-16DTN	DO 16*DC24V (NPN)
		K633S-06IV	12-bit resolution, accuracy 0.3% F.S. (Full Scale) A1*4: 4-20mA, 1-5V,0-20mA, 0-10V AO*2: 4-20mA, 1-5V,0-20mA, 0-10V
		K631S-04TC	4 channels ofthermocouple input SupportJ-type, K-type, E-type,S-type,T-type thermocouples Coldjunction compensation, external compensation optional 24-bit resolution, accuracy 0.1% F.S. (Full Scale)
		K631S-04RD	4 channels ofthermal resistance (RTD) input Support Pt100, Cu50, Pt1000 resistance forms Support two-wire, three-wire, connection methods 24-bit resolution Temperature:+0.6°C; Resistance:+10
K6	CPU606	K606-24DT	DC24V,DI 14*DC24V,DO 10*DC24V;communication port: 2*RS485, 1*Ethernet 1 expansion BD board can be connected;14 expansion modules can be connected
		K606-24AT	AC100-240V,DI 14*DC24V,DO10*DC24V;communication port: 2*RS485, 1*Ethernet 1 expansion BD board can be connected(1*RS232+1*RS485 or 1*CAN);14 expansion modules can be connected
		K606-24DR	DC24V,DI 14*DC24V,DO10*Relay;communication port: 2*RS485,1*Ethernet 1 expansion BD board can be connected;14 expansion modules can be connected
		K606-24AR	AC100-240V, DI 14*DC24V,DO 10*Relay;communication port: 2*RS485, 1*Ethernet 1 expansion BD board can be connected;14 expansion modules can be connected
	CPU606EA	K606EA-30DT	DC24V,DI 14*DC24V,DO 10*DC24V,AI4*IV,AO 2*IV;communication port: 2*RS485, 1*Ethernet 2 expansion BD board can be connected;14 expansion modules can be connected
		K606EA-30AT	AC100-240V,DI14*DC24V,DO 10*DC24V,AI4*IV,AO 2*IV;communication port: 2*RS485,1*Ethernet 2 expansion BD board can be connected;14 expansion modules can be connected
	CPU608	K608-40DT	DC24V,DI24*DC24V,DO16*DC24V;communication port: 2*RS485,1*Ethernet 2 expansion BD board can be connected;14 expansion modules can be connected
		K608-40AT	AC100-240V,DI24*DC24V,DO 16*DC24V;communication port: 2*RS485,1*Ethernet 2 expansion BD board can be connected;14 expansion modules can be connected
		K608-40DR	DC24V, DI 24*DC24V, DO 16*Relay;communication port: 2*RS485,1*Ethernet 2 expansion BD board can be connected;14 expansion modules can be connected
		K608-40AR	AC100-240V,DI24*DC24V,DO16*Relay;communication port: 2*RS485,1*Ethernet 2 expansion BD board can be connected;14 expansion modules can be connected
	Expansion BD board	KB6-CAN	1*CAN bus interface;1*CAN (CAN2)
		KB6-2COM	Two serial communication ports.;1*RS232(Port0).1*RS485(Port3)
		KB6-4DI	DI 4*DC24V
		KB6-4DO	DO 4*DC24V
KS	CPU	KS101M-04DX	DC 24V power supply, DI4*DC24V ,2*CAN,1*Ethernet
		KS105-16DT	DC 24VDC20.4-28.8V power supply, DI 8*DC24V, DO 8*DC24V, 2*serial port（1*RS232, 1*RS485）, connectable expansion module
		KS105C1-16DT	DC20.4-28.8V power supply, DI 8*DC24V, DO 8*DC24V, 2*serial port（1*RS232, 1*RS485）, 1*CANbus interface, only connect to the CANbus extension module
		KS105C2-16DT	DC20.4-28.8V power supply, DI 8*DC24V, DO 8*DC24V, 2*serial port（1*RS232, 1*RS485）, 2*CANbus interface, connectable expansion module

■ Kinco PLC module table 2

Series	Type	Order Number	Description
MK	Standard Series	MK070E-33DT	Powered by DC24V,1*USB SLAVE (USB-B, shared by PLC and HMI), supporting programming protocols;
			PLC Section: DI16*DC24V(NPN/PNP), DO 14*DC24V(PNP), AI2*IV, AO 1*IV, 2*RS485,1*Expansion interface (support up to 8 KS modules);
			HMI Section: 7" TFT, 1*USB HOST (USB-A), 1*Ethernet interface, supports M-IoT functionality.
		MK070E-32DX	Powered by DC24V, 1*USB SLAVE (USB-B, shared by PLC and HMI), supporting programming protocols;
			PLC Section: DI 16*DC24V (NPN/PNP), DO 4*DC24V (PNP)+ 12*Relay, 2*RS485,1*Expansion interface (support up to8 KS modules);
			HMISection: 7"TFT,1"USB HOST(USB-A),1*Ethernet,supports M-IoT functionality.
		MK043E-20DT	Powered by DC24V,1*USB SLAVE (USB-B, shared by PLC and HMI), supporting programming protocols; PLC Section: DI 9*DC24V, DO 9*Relay, AI 2*Vol tage, 2*RS485, 1*Expansion interface (support up to 8 KS modules); HMI Section: 4.3" TFT,1*USB HOST(USB-A),1*Ethernet,supports M-IoT functionality.
	Enhanced Series	MK043E-27DT	Powered by DC24V,1*USB SLAVE (USB-C, shared by PLC and HMI), supporting programming protocols;
			PLC Section: DI 10*DC24V(NPN/PNP),DO 10*DC24V(PNP),DIO 4*DC24V, AI2*IV, AO 1*IV,2*RS485,
			1*Expansion interface (support up to 8 KS modules);
			HMI Section: 4.3" TFT,1*USB HOST(USB-A),1*RS232(COM2),1*Ethernet, supports M-IoT functionality.
		MK043E-20DTC	Powered by DC24V,1*USB SLAVE (USB-B, shared by PLC and HMI), supporting programming protocols;
			PLC Section: DI 9*DC24V(NPN/PNP), DO 9*DC24V(PNP), AI 2*TC (Supports J/K/E/T type thermocouples, with optional internal and external cold junction compensation), 2*RS485, 1*Expansion interface (support up to8KS modules);HMI Section: 4.3"TFT, 1*USB HOST(USB-A), 1*Ethernet,supports M-IoT functionality.
		MK070E-27DRT	Powered by DC24V, 1*USB SLAVE (USB-B, shared by PLC and HMI), supporting programming protocols;
			PLC Section: DI 12*DC24V(NPN/PNP), DO 12*DC24V(PNP), AI 3*RD(support Pt100 type, measuring temperature in the range of-40°C to 240°C), 2*RS485, 1*Expansion interface (support up to 8 KS modules);
			HMI Section: 7"TFT,1*USB HOST(USB-A), 1*Ethernet,supports M-IoT functionality.
	Basic Series	MK070C-33DT	Powered by DC24V, 1*USB SLAVE (USB-B, shared by PLC and HMI), supporting programming protocols; PLC Section: DI 16*DC24V(NPN/PNP), DO 14*DC24V(PNP), AI 2*IV, AO 1*IV, 1*RS485;HMI Section: 7"TFT, 1*USB HOST (USB-A).
		MK043C-20DT	Powered by DC24V, 1*USB SLAVE (USB-B, shared by PLC and HMI), supporting programming protocols; PLC Section: DI 9*DC24V (NPN/PNP), DO 9*DC24V (PNP), AI 2*Voltage, 1*RS485;HMI Section: 4.3"TFT, 1*USB HOST(USB-A). No M-IoT function.
	Expansion module	KS122-12XR	DC 20.4V~28.8V, DO 12*Relay, can communicate as a modbus slave
		KS123-14DR	DC 20.4V~28.8V, DI 8*DC 24V,DO 6*Relay, can communicate as a modbus slave
		KS133-06IV	DC 20.4V~28.8V, AI*4+AO *2, 4~20mA/1~5V/0~20mA/0~10V, can communicate as a modbus slave
		KS121-16DX	DC 20.4V~28.8V, DI 16* DC24V, can communicate as a modbus slave
		KS122-14DT	DC 20.4V~28.8V, DO 14* DC24V(PNP), can communicate as a modbus slave
		KS131-04RD	DC 20.4V~28.8V, RTD*4, Pt100/Cu50/Pt1000/resistance, two-wire/three-wire, can communicate as a modbus slave

KC200 Series

Mainly used to control and adjust the speed and torque of three-phase AC asynchronous motors

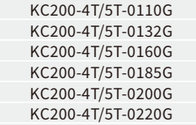
Voltage level

1P 200~240V(-15~+10%) 0.4-2.2kW
3P 380V~480V(-15~+10%) 0.75-560kW

Terminal configuration

6 digital input terminals, 2 analog input terminals;
2 relay output terminals, 2 DO output terminals, 2 analog output terminals;
1 high-speed pulse input terminal (multiplexed with DI6 terminal), 1 high-speed pulse output terminal (multiplexed with DO2 terminal);
One 485 communication terminal and one CAN communication terminal.

Support optional 5V, 12V, 24V incremental PG card



Telecommunication

Standard support 485 standard MODBUS communication protocol;
Standard support CAN-OPEN communication protocol;
Optional support PROFINET and EtherCATcommunication conversion solutions.

Industry application

Light load, heavy load, and ultra -heavy load equipment such as lifting, cement, rubber tires, industrial water treatment, fan ventilation system, stirring, air -conditioning cooling system, woodworking machinery, etc.

KC200 series inverter specifications and technical parameters

Inverter Model	power capacity kVA	Input Current A	Output Current A	Adaptive motor kW
Single-phase 200V～240V 50Hz/60Hz				
KC200-2S-0R40G	1	5.3	2.5	0.4
KC200-2S-0R75G	1.5	8.2	4	0.75
KC200-2S-01R5G	3	14	7.5	1.5
KC200-2S-02R2G	4	23	10	2.2
Three-phase 380V～480V 50Hz/60Hz				
KC200-4T/5T-0R75G	1.5	3.4	2.3	0.75
KC200-4T/5T-01R5G	2.5	5	3.7	1.5
KC200-4T/5T-02R2G	3.6	5.8	5.5	2.2
KC200-4T/5T-03R7G	5.8	10.5	8.8	3.7
KC200-4T/5T-05R5G	8.6	14.5	13	5.5
KC200-4T/5T-07R5G	11	20.5	17	7.5
KC200-4T/5T-0011G	16.5	26	25	11
KC200-4T/5T-0015G	21	35	32	15
KC200-4T/5T-0018G	24.5	38.5	37	18.5
KC200-4T/5T-0022G	29.5	46.5	45	22
KC200-4T/5T-0030G	39.5	62	60	30
KC200-4T/5T-0037G	49.5	76	75	37
KC200-4T/5T-0045G	59	92	90	45
KC200-4T/5T-0055G	72.5	113	110	55
KC200-4T/5T-0075G	100	157	152	75
KC200-4T/5T-0090G	116	180	176	90
KC200-4T/5T-0110G	138	260	210	110
KC200-4T/5T-0132G	166	232	252	132
KC200-4T/5T-0160G	200	282	304	160
KC200-4T/5T-0185G	230	326	350	185
KC200-4T/5T-0200G	250	352	380	200
KC200-4T/5T-0220G	280	385	426	220
KC200-4T/5T-0250G	309	437	470	250
KC200-4T/5T-0280G	342	491	520	280
KC200-4T/5T-0315G	395	580	600	315
KC200-4T/5T-0355G	437.5	624	665	355
KC200-4T/5T-0400G	629	670	725	400
KC200-4T/5T-0450G	715	792	820	450
KC200-4T/5T-0500G	800	835	950	500
KC200-4T/5T-0560G	896	920	1020	560

KC100 Series

High performance VFD for general use

Power Voltage	Single-phase 220V 0.4~2.2kW Three-phase 380V 0.75~5.5kW
Telecommunication	Support 485 standard MODBUS communication protocol
Terminal	4 digital inputs 1 analog input 1 relay output 1 analog outputTerminal 1 channel DO output 1 channel 485 communication

■ Model and Specification

Model	Power Capacity (kVA)	Input Current (A)	Output Current (A)	Adaptive motor (kW)
Single-phase 220v,50/60Hz				
KC100-2S-0R40G	1.0	5.3	2.5	0.4
KC100-2S-0R75G	1.5	8.2	4.0	0.75
KC100-2S-01R5G	3.0	14.0	7.5	1.5
KC100-2S-02R2G	4.0	23.0	10.0	2.2
Three-phase 380v,50/60Hz				
KC100-4T-0R75G	1.5	3.4	2.3	0.75
KC100-4T-01R5G	3.0	5.0	3.7	1.5
KC100-4T-02R2G	4.0	5.8	5.5	2.2
KC100-4T-03R7G	5.9	10.5	8.8	3.7
KC100-4T-05R5G	8.5	14.5	13.0	5.5

■ Application

- Sewage treatment, manufacturing production lines, fan ventilation systems, logistics and transportation air conditioning cooling systems, woodworking machinery, and various automated production equipment.