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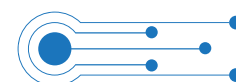


无锡惠山区阳山工业园陆戴路8号

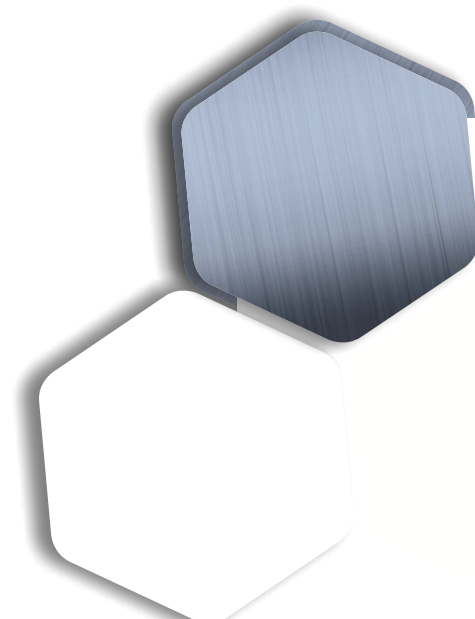
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China 214156



变频器样本 INVERTER BROCHURE



无锡欧瑞京机电有限公司
无锡欧瑞京电机有限公司
WUXI ORIGINAL MECHANICAL&ELECTRICAL CO.,LTD





COMPANY PROFILE

企业简介

无锡欧瑞京机电有限公司（以下简称“公司”）地处风景秀丽、工业发达的惠山区阳山镇，紧邻上海、苏州、南京等城市。公司成立于2010年4月6日，注册资本10000万元，占地面积65亩，厂房约40000平米。公司立足于科技进步与人才战略，引入业内资深技术人员和管理团队，现有职工350人，其中中高级工程技术人员40余人。公司主要产品是高效、超高效的高、低压电机，同步永磁电机以及变频、制动、水冷、空空冷却、绕线型转子等特种电机；同时为客户提供包括各类电机、变频器、联轴器、减速箱等在内的专业传动解决方案（包括产品制造、节能改造、安装以及售后服务）。



Wuxi Original Mechanical & Electrical Co., Ltd (OMEC) is located in beautiful and industry-developed Yangshan Town, Huishan District, Wuxi that is close to Shanghai, Suzhou, Nanjing and other cities. OMEC was founded on April 6, 2010 with a registered capital of 100 million CNY, covering an area of about 40000m². OMEC is equipped with knowledgeable engineers and professional staff. OMEC has 350 employees that including more than 40 middle and senior engineers. OMEC mainly produces high and premium efficiency high and low voltage motors, synchronous permanent magnet motors and special motors such as VFD motors, brake motors, water cooling motors, air-to-air cooling motors, slip ring motors, etc. The OMEC also can offer professional solution for production manufacture, energy-saving transformation, installation and after-sales service.



AT500

AC DRIVE

变频器

- 采用国际领先的矢量控制技术，高性能高精度电机控制：V/F、开环矢量、闭环矢量；
- 低速大转矩，0.5Hz/150%(SVC),0Hz/180%(FVC)；
- 宽功率设计，支持多种电机配置和多种编码器，可实现高精度闭环控制；
- 集速度控制，转矩控制和位置控制于一体，可广泛应用于同步电机和异步电机控制；
- 独立风道设计，选用长寿命大风量散热风机，提高整机散热效率，保障变频器稳定运行；
- 调试便捷，丰富的硬件接口和软件功能，能满足多种不同的工业应用场合；

◇Advanced vector motor control algorithm, high performance and high precision motor control; open loop V/F & SVC control, closed loop FVC control.

◇The low-frequency large-torque: 150% at 0.5 Hz for SVC;180% at 0 Hz for FVC.

◇Wide power design (0.7kW-710kW) and support various motor configurations, Support a variety of encoders, can achieve high-precision closed-loop control.

◇It integrates speed control, torque control and position control, and can be widely used in synchronous and asynchronous motor control.

◇Independent air duct design, long life and large air volume cooling fan to improve the cooling efficiency of the inverter and ensure the stable operation of the inverter.



PRODUCT DISPLAY

GENERAL SPECIFICATIONS

技术参数

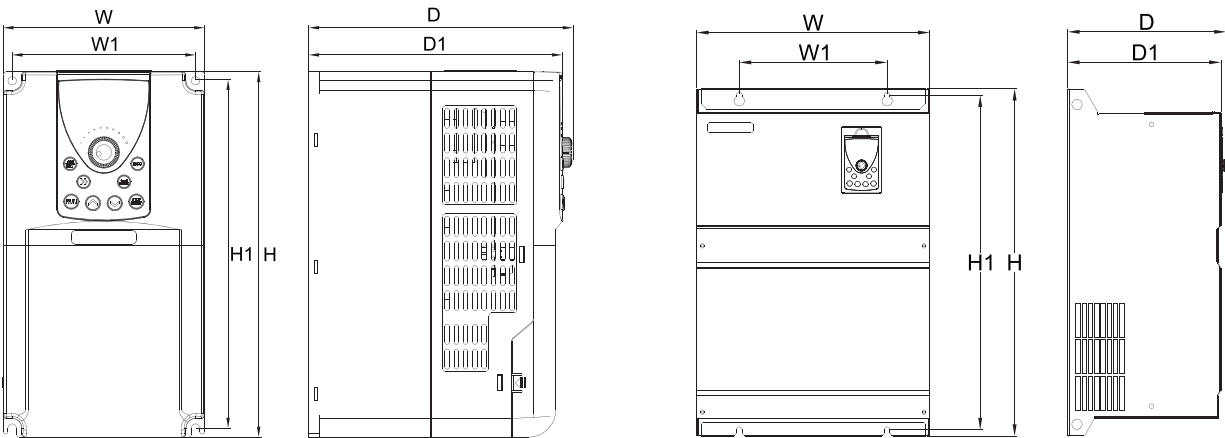
AT500 - T3 - 011G / 015PB	
① 变频器系列 Inverter Series	③ 重载功率 Constant Torque Load 011: 11kW
② 电压等级 Voltage Degree S2: AC 1PH 220V T3: AC 3PH 380V	④ 轻载功率 Constant Light Load 015: 15kW
	⑤ 内置制动单元 With Built-in Braking Unit



型号 Model	电源容量 Power Capacity (kVA)	输入电流 Input Current (A)	输出电流 Output Current (A)	适配电机 Motor	
				功 率 kW	马 力 HP
单相电源 Single Phase: 220V, 50/60Hz					
AT500-S2-0R4GB	1	5.4	2.3	0.4	0.5
AT500-S2-0R7GB	1.5	8.2	4	0.75	1
AT500-S2-1R5GB	3	14	7	1.5	2
AT500-S2-2R2GB	4	23	9.6	2.2	3
三相电源 Three Phase: 380V, 50/60Hz					
AT500-T3-0R7G/1R5PB	1.5	3.4	2.1	0.75	1
AT500-T3-1R5G/2R2PB	3	5	3.8	1.5	2
AT500-T3-2R2G/4R0PB	4	5.8	5.1	2.2	3
AT500-T3-4R0G/5R5PB	5.9	10.5	9	3.7	5
AT500-T3-5R5G/7R5PB	8.9	14.6	13	5.5	7.5
AT500-T3-7R5G/011PB	11	20.5	17	7.5	10
AT500-T3-011G/015PB	17	26	25	11	15
AT500-T3-015G/018PB	21	35	32	15	20
AT500-T3-018G/022PB	24	38.5	37	18.5	25
AT500-T3-022G/030PB	30	46.5	45	22	30
AT500-T3-030G/037P	40	62	60	30	40
AT500-T3-037G/045P	57	76	75	37	50
AT500-T3-045G/055P	69	92	91	45	60
AT500-T3-055G/075P	85	113	112	55	75
AT500-T3-075G/090P	114	157	150	75	100
AT500-T3-090G/110P	134	180	176	90	125
AT500-T3-110G/132P	160	214	210	110	150
AT500-T3-132G/160P	192	256	253	132	180
AT500-T3-160G/200P	231	307	304	160	210
AT500-T3-200G/220P	250	385	377	200	270
AT500-T3-220G/250P	280	430	426	220	300
AT500-T3-250G/280P	355	468	465	250	335
AT500-T3-280G/315P	396	525	520	280	380
AT500-T3-315G/355P	445	590	585	315	420
AT500-T3-355G/400P	500	665	650	355	470
AT500-T3-400G/450P	565	785	725	400	530
AT500-T3-450G	630	883	820	450	600

DIMENSIONS

技术参数

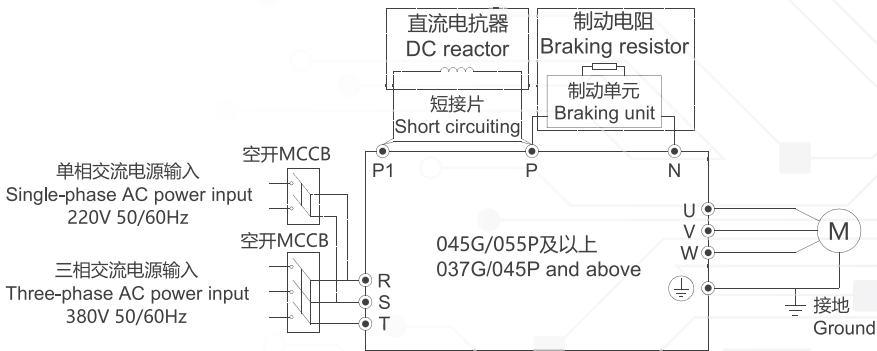
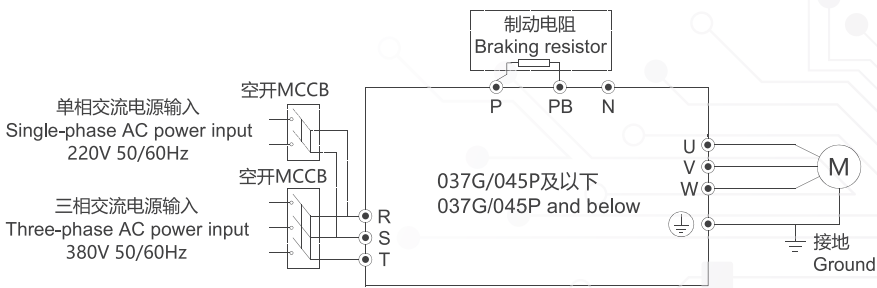


型号 Model	安装孔位mm Location Of Holes			外型尺寸mm Appearance Size				安装孔径mm Diameter Of Hole
	W1	H1	H	W	D1	D		
AT500-S2-0R7GB	71.5	121.5	132	80	105.5	114.6		φ4.5
AT500-S2-1R5GB								
AT500-S2-2R2GB								
AT500-T3-0R7G/1R5PB	88.4	168.4	180	100	152	159		φ5.5
AT500-T3-1R5G/2R2PB								
AT500-T3-2R2G/4R0PB								
AT500-T3-4R0G/5R5PB	118.4	224.5	236	130	163.5	170.5		φ5.5
AT500-T3-5R5G/7R5PB								
AT500-T3-7R5G/011PB								
AT500-T3-011G/015PB	141	243	260	155	175	182		φ7
AT500-T3-015G/018PB								
AT500-T3-018G/022PB								
AT500-T3-022G/030PB	190	273.5	291.5	197	175	182		φ6
AT500-T3-030G/037P								
AT500-T3-037G/045P								
AT500-T3-045G/055P	220	392	405	253	180	187		φ7
AT500-T3-055G/075P								
AT500-T3-075G/090P								
AT500-T3-090G/110P	260	555	575	340	250	259		φ10
AT500-T3-110G/132P								
AT500-T3-132G/160P								
AT500-T3-160G/185P	320	690	720	455	325	334		φ12
AT500-T3-200G/220P								
AT500-T3-220G/250P								
AT500-T3-250G/280P	480	1005	1040	650	411	420		φ14
AT500-T3-280G/315P								
AT500-T3-315G/355P								
AT500-T3-355G/400P	600	1252	1300	815	427	436		φ14
AT500-T3-400G/450P								

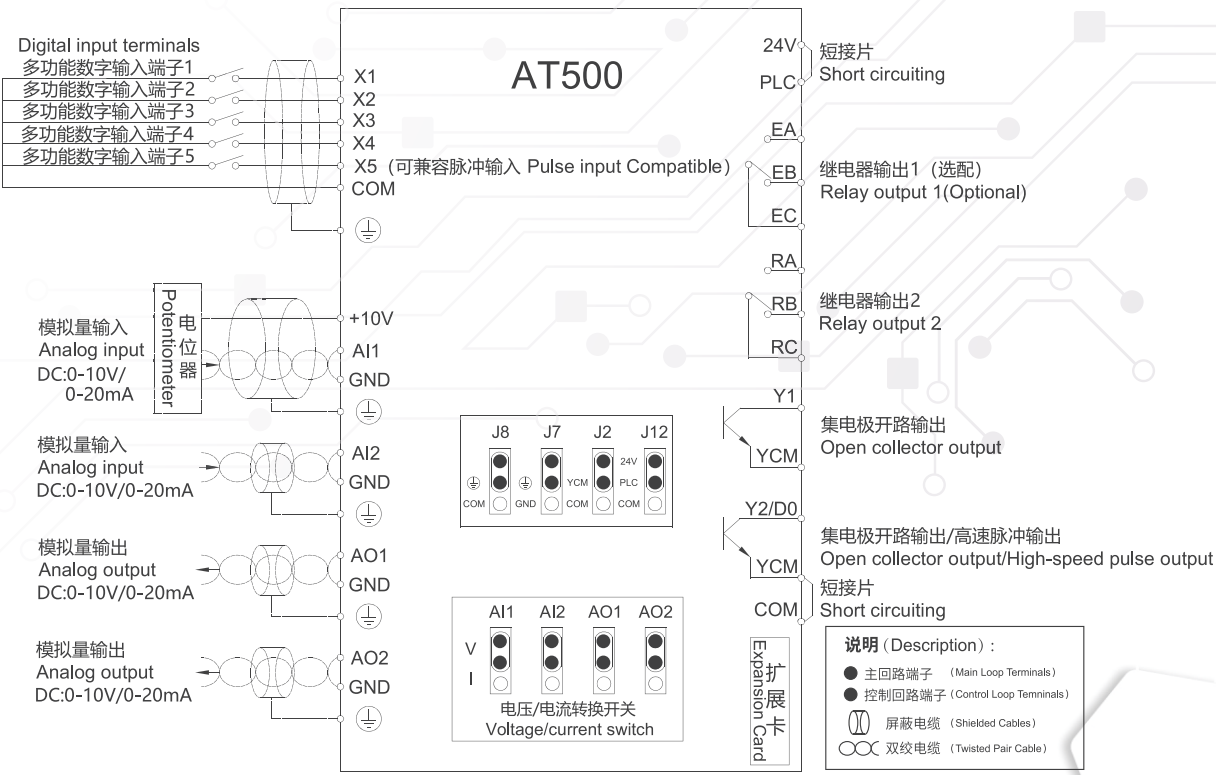
GENRAL WIRING DIAGRAM

总接线图

主回路
Main loop



控制回路
Control loop



AT300
AC DRIVE
变频器

- ⊙ 书本式窄体设计，全新结构布局，最大缩小体积50%，配电成本节省50%；
- ⊙ 独立风道，上下直通，高效散热；可并排安装，合理利用空间，大大降低电气柜成本；
- ⊙ 优异的控制算法，丰富的硬件接口和软件功能，全方位的保护机制，提高产品的可靠性；

◇ The book type VFD design, new structural design, space saving 50%, distribution cost saving 50%.

◇ Independent air duct, up and down straight, efficient heat dissipation. Can be installed side-by-side, reasonable use of space, greatly reducing the cost of electrical cabinet.

◇ Advanced control algorithm, the enriched hardware configurations and software functions, reliable protection design, ensure the reliability of the product.



PRODUCT DISPLAY
GENERAL SPECIFICATIONS

技术参数

AT300 - T3 - 011B			
①	②	③	④
① 变频器系列 Inverter Series	③ 功率 Inverter Power 011: 11kW		
② 电压等级 Voltage Degree S2: AC 1PH 220V T3: AC 3PH 380V		④ B: 内置制动单元 With Built-in Braking Unit	



型号 Model	电源容量 Power Capacity (kVA)	输出电流 OutputCurrent (A)	输入电流 Input Current (A)	适配电机 Motor	
				功率 kW	马力 HP
三相电源 Three phase: 380V, 50/60Hz					
AT300-T3-0R7B	2.2	2.7	3.4	0.75	1
AT300-T3-1R5B	3.2	4.0	5	1.5	2
AT300-T3-2R2B	4	5.0	5.8	2.2	3
AT300-T3-3R7B	6.8	8.5	10.5	3.7	5
AT300-T3-5R5B	10	12.5	14.6	5.5	7.5
AT300-T3-7R5B	14	17.5	20.5	7.5	10
AT300-T3-011B	17	25	26	11	15

DIMENSIONS & GENRAL WIRING DIAGRAM

技术参数 & 总接线图

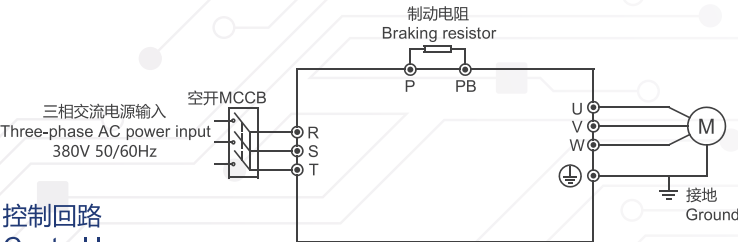
AT100
AC DRIVE
变频器

型号 Model	安装孔位mm Location Of Holes			外型尺寸mm Appearance Size				安装孔径mm Diameter Of Hole
	W1	H1	H	W	D1	D		
AT300-T3-0R7B	55	193	202	75	157	161		φ5
AT300-T3-1R5B								
AT300-T3-2R2B								
AT300-T3-3R7B								
AT300-T3-5R5B	80	308	322	108	176	180		φ5
AT300-T3-7R5B								

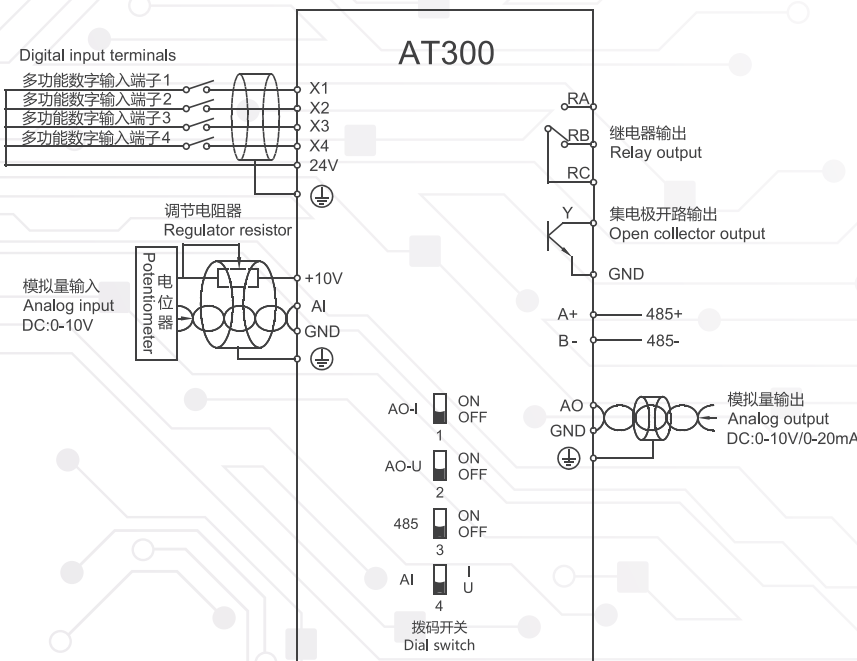
- ⊙ 优化结构设计，节省安装空间和配电成本；
- ⊙ 独立风道，上下直通，高效散热；
- ⊙ 丰富的硬件接口和软件功能，全方位的保护机制，提高产品的可靠性；

- ◇ Optimize Structure Design, Saving Installation Space And Distribution Cost.
- ◇ Independent air duct, up and down straight, efficient heat dissipation.
- ◇ The enriched hardware configurations and software functions, reliable protection design, ensure the reliability of the product.

主回路
Main loop



控制回路
Control loop



PRODUCT DISPLAY

GENERAL SPECIFICATIONS

技术参数

AT100 - T3 - 011B	
变频器系列 Inverter Series	功率 Inverter Power 011: 11kW
电压等级 Voltage Degree S2: AC 1PH 220V T3: AC 3PH 380V	B: 内置制动单元 With Built-in Braking Unit



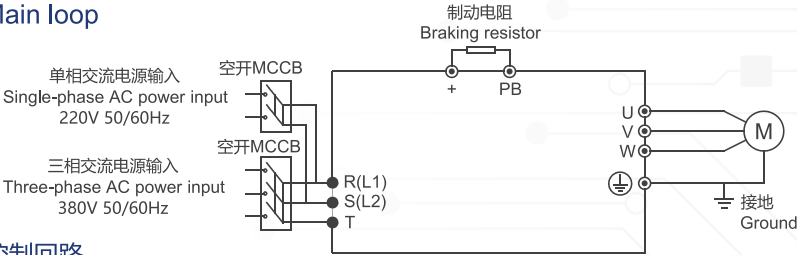
型号 Model	电源容量 Power Capacity (kVA)	输入电流 Input Current (A)	输出电流 Output Current (A)	适配电机 Motor
单相电源 Single Phase: 220V, 50/60Hz				
AT100-S2-0R7G	2	8.2	5	0.75
AT100-S2-1R5G	2.8	14	7	1.5
AT100-S2-2R2G	4.4	23	11	2.2
AT100-S2-3R7G	6.8	32.5	16	3.7
三相电源 Three Phase: 380V, 50/60Hz				
AT100-T3-0R7G	2.2	3.4	2.7	0.75
AT100-T3-1R5G	3.2	5	4	1.5
AT100-T3-2R2G	4	5.8	5	2.2
AT100-T3-3R7G	6.8	10.5	8.5	3.7
AT100-T3-5R5G	10	14.6	12.5	5.5
AT100-T3-7R5G	14	20.5	17.5	7.5

DIMENSIONS & GENRAL WIRING DIAGRAM

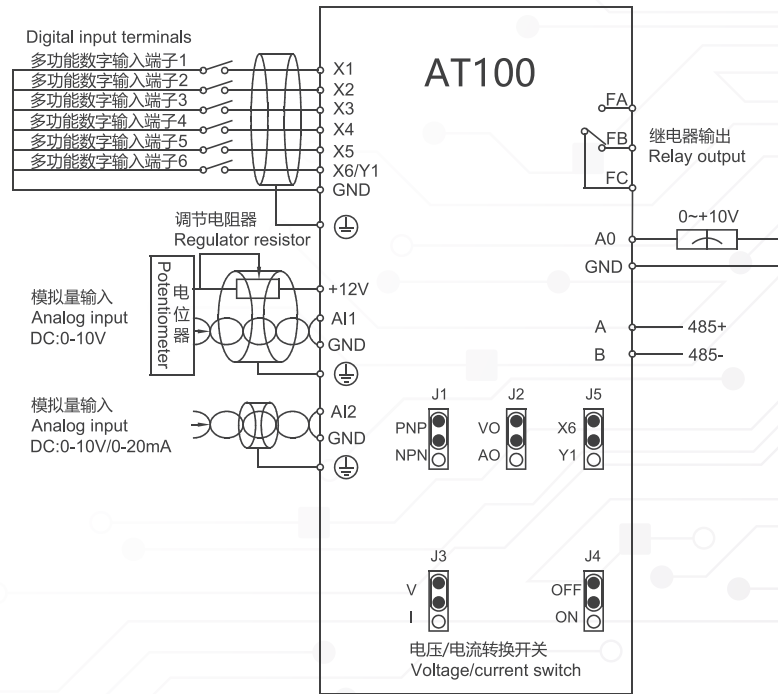
技术参数 & 总接线图

型号 Model	安装孔位mm Location Of Holes		外型尺寸mm Appearance Size				安装孔径mm Diameter Of Hole
	W1	H1	H	W	D1	D	
AT100-S2-0R7G	77	137	150	90	110.5	117.2	φ5
AT100-S2-1R5G	77	137	150	90	110.5	117.2	φ5
AT100-S2-2R2G	103	204	220	118	141	147.2	φ6
AT100-S2-3R7G	103	204	220	118	141	147.2	φ6
AT100-T3-0R7G	77	137	150	90	110.5	117.2	φ5
AT100-T3-1R5G	77	137	150	90	110.5	117.2	φ5
AT100-T3-2R2G	103	204	220	118	141	147.2	φ6
AT100-T3-3R7G	103	204	220	118	141	147.2	φ6
AT100-T3-5R5G	103	204	220	118	141	147.2	φ6
AT100-T3-7R5G	103	204	220	118	141	147.2	φ6

主回路
Main loop



控制回路
Control loop



- 说明 (Description) :
- 主回路端子 (Main Loop Terminals)
 - 控制回路端子 (Control Loop Terminals)
 - 屏蔽电缆 (Shielded Cables)
 - 双绞电缆 (Twisted Pair Cable)

TDS

SERVO DRIVE

TDS伺服节能控制器

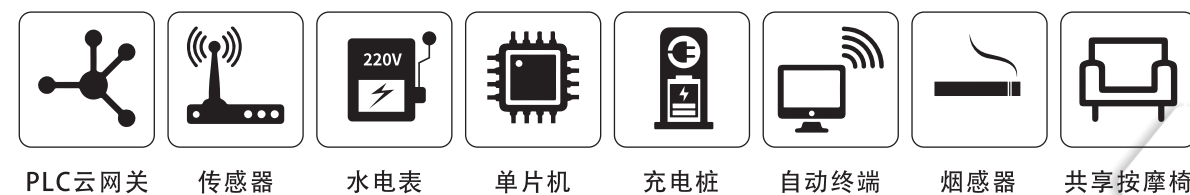
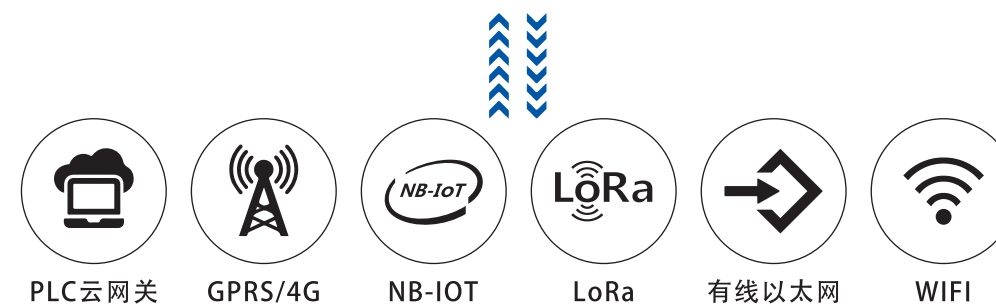
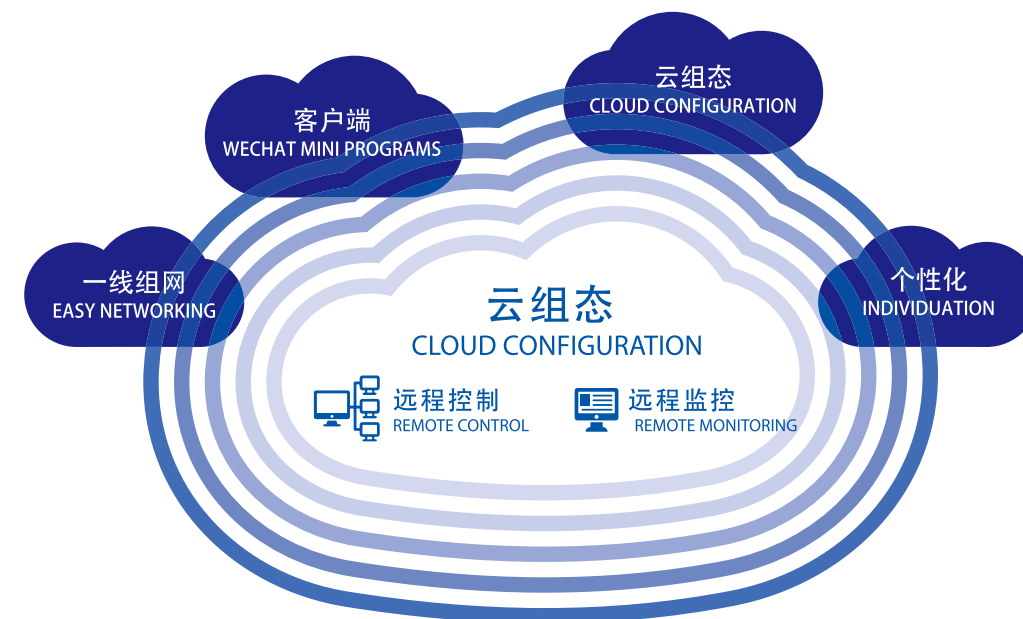
- ◇增强型振动抑制;
- ◇增益自调整;
- ◇速度环带宽3.0kHz;
- ◇配线简单方便;
- ◇Enhanced vibration suppression.
- ◇Gain self adjustment.
- ◇Speed band width 3.0KHZ.
- ◇Simple and convenient wiring.
- ◇专用三防漆, 采用全防护的喷漆工艺;
- ◇环境适应性强, 使用安全可靠;
- ◇丰富的应用功能;
- ◇一键式调试;
- ◇Special three proofing paint, adopting full protection painting process.
- ◇Strong environmental adaptability, safe and reliable use.
- ◇Rich application functions.
- ◇One step debugging.



IOT

REMOTE CONTROL

JACT远程监控云平台



VFD

FOR TEXTILE APPLICATION

穿墙型变频器

- 采用无风扇设计、穿墙式安装方式，可以更好的满足纺织环境；
- 内部控制板特殊三防漆处理，适应高温、高湿复杂环境，整机可以在环境温度50度不降容使用；
- 防棉絮设计，有效防止异物进入变频器内部，提高防护等级，适用于环境恶劣场合；
- 采用国际领先技术的矢量控制算法，高性能高精度电机控制；硬件设计升级，有效改善系统EMC电磁兼容性，大幅度降低干扰，提升系统适应能力；

◇ Designed with no fan and through wall installtion ,the VFD can be better satisfy the requirement of spinnnig environment.

◇ Coated with special three-proof paint, the internal control board can be used in complex environments with high temperature and high humidity.

◇ The cotton fiber prevention design can effectively prevent dust from entering the inverter and improve the protection level, which is suitable for the harsh environment.

◇ Adopt the vector control algorithm of international leading technology, high performance and high precision motor control. Effectively improve the EMC of the system, greatly reduce interference, and improve the adaptability of the system.



AT580

AC DRIVE

变频器

- 15kW以上系列内置直流电抗器，有效提高输入侧功率因素，降低电网无功损耗，有效消除高次谐波，提高稳定性；
- 高密度防尘网设计，有效防止灰尘进入变频器内部，提高防护等级，适用于环境恶劣场合；内部控制板特殊三防漆处理，适应高温、高湿复杂环境，整机可以在环境温度50度不降容使用；
- 内部控制板特殊三防漆处理，适应高温、高湿复杂环境，整机可在环境温度50度不降容使用；
- 隔离风道设计，采用定制高防护、大风量直流风扇，提高散热效率，有效降低温升，保障可靠运行；
- 易于维护，散热器位置盖板可拆卸，方便彻底清理散热器灰尘；

◇ Built-in DC reactor (15kW and above), improve power factor of input side effectively, reduce ractive loss of the power gird,eliminate high-order harmonics and improve stability.

◇ High density dust-proof net design can effectively prevent dust from entering the inverter and improve the protection level, which is suitable for the harsh environment.

◇ Coated with special three-proof paint, the internal control board can be used in complex environments with high temperature and high humidity.

◇ Independent air duct, customized high dust-proof and large air volume DC fans, improve heat dissipation efficiency, effectively reduce temperature rise and ensure reliable operation.

◇ Easy to maintain, the radiator position cover plate is detachable, convenient to clean the radiator dust thoroughly.



INTEGRATED FOR CONSTRUCTION LIFTING

施工升降梯专用一体机

- ⊙舒适的用户体验：0.5Hz输出力矩150%，确保启动停机时运行平稳；
- ⊙专用抱闸控制逻辑，确保系统安全可靠；
- ⊙全面可靠保护功能：除变频器基本保护功能外，还有制动电阻、控制电源保护等；
- ⊙多种附加功能：中英文语音提示、称重功能、工变频转换等功能；
- ⊙友好的人机交互：GPS/GPRS数据实时监控（扩展），自动平层控制（扩展），液晶显示屏（扩展）；

◇Comfortable user experience: output torque of 0.5Hz is 150%, ensuring stable operation during startup and shutdown.

◇Special holding brake control logic ensures the safety and reliability of the system.

◇Reliable protection function: the basic protection function of inverter, brake resistance protection, control power supply protection, etc.

◇Various additional functions: Chinese and English voice prompt, weighing function, frequency conversion and other functions.

◇Friendly interactive interface: Real time monitoring of GPS / GPRS data (extension), Automatic leveling control (Extended); LCD display (Extended).



ENERGY SAVING INTEGRATED SYSTEM

自动化节能系统

- ⊙节能改造专用一体机，内置PID控制程序，具有自动休眠和唤醒功能，在满足客户实际需求的前提下节省电能；
- ⊙实现车间温湿度自动控制；
- ⊙集中控制，运行数据、历史数据和报表数据可视化；
- ⊙节电率20%--60%，回报周期约为18个月；

◇Energy saving, built-in PID control program, with automatic sleep and wake-up function, in order to meet the actual needs of customers under the premise of energy saving.

◇Automatically control temperature and humidity.

◇Centralized control, operation data, historical data and report data visualization.

◇Energy saving 20%–60%, payback in about 18 months.



HYDRAULIC SERVO 电液伺服驱动器

- 采用国际领先技术的矢量控制算法，高性能高精度电机控制；
- 硬件设计升级，有效改善系统EMC电磁兼容性，大幅度降低干扰，提升系统适应能力；
- Adopt the vector control algorithm of international leading technology, high performance and high precision motor control.
- Effectively improve the EMC of the system, greatly reduce interference, and improve the adaptability of the system.



AEVD ELECTRIC VEHICLE CONTROLLER AEVD电动汽车控制器



- 业界领先的同步电机控制算法；
- 有速度矢量控制模式和无速度矢量控制模式，无缝切换；
- 无速度矢量控制算法；
- 转矩控制和速度控制一体化；
- 满足客户油泵控制、气泵控制和电动空调的高性能需求；
- Energy saving, built-in PID control program.
- with automatic sleep and wake-up function.
- in order to meet the actual needs of customers under the premise of energy saving.
- Automatically control temperature and humidity.
- Centralized control, operation data, historical data and report data visualization.

KY550 HDMI

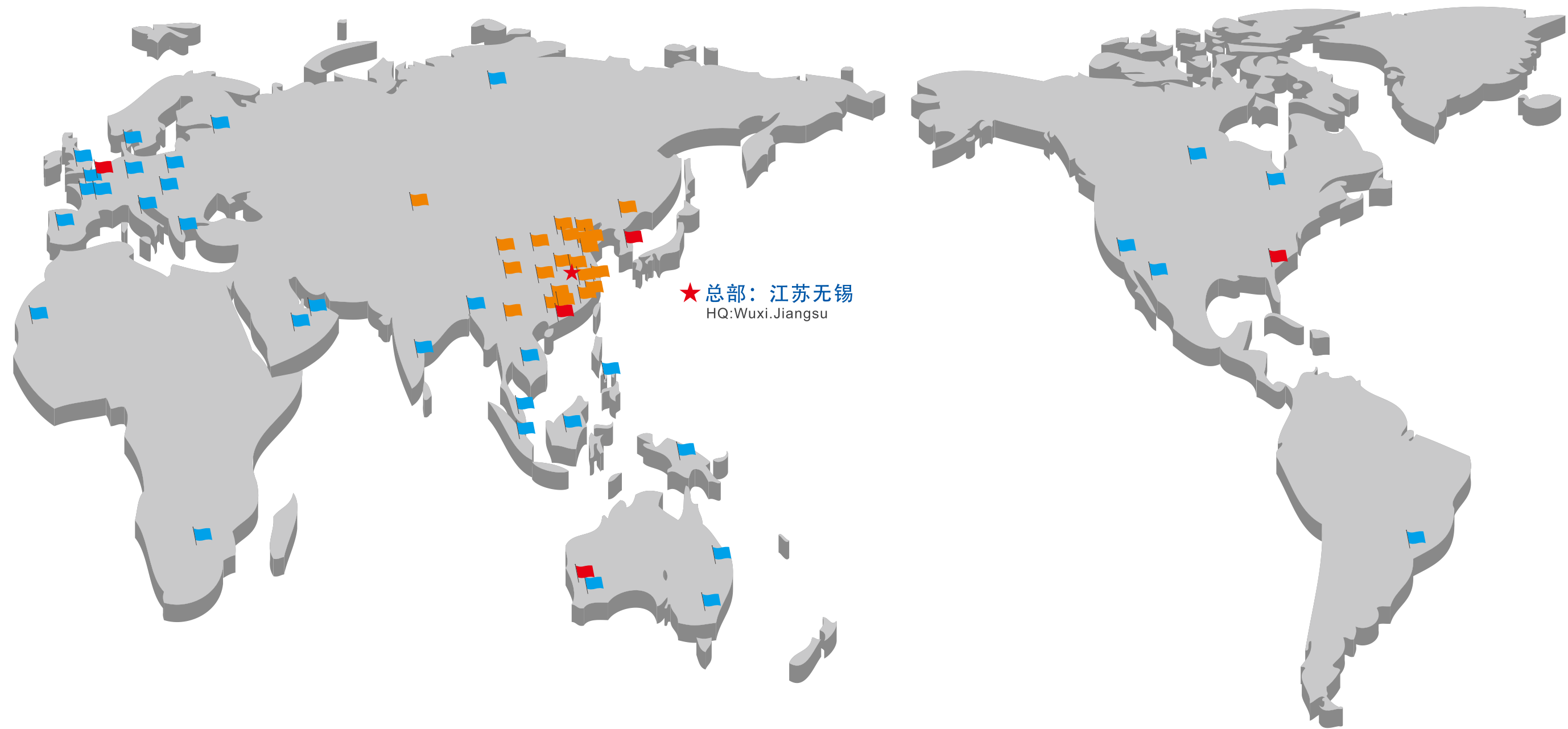
- 7寸彩屏，键盘与触摸屏控制选择；
- 485控制、端子控制；
- 丰富用户接口、定制化软件设计；
- 7-inch color display, keyboard and touch screen control options.
- 485 Control, terminal contro.
- Enrich user interface and design customized. software.



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DOMESTIC AND FOREIGN OFFICES

网点分布



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HQ:Wuxi.Jiangsu

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