

ECC[®]



上海中科电气集团

SHANGHAI CHINA-SCIENCE ELECTRIC GROUP

上海国电钣金制造有限公司

SHANGHAI GUODIAN METAL SHEET MANUFACTURING CO., LTD.,

上海中科电气集团是一家以高低压成套开关设备、高低压电器的制造、销售和电子商务为主导，集科研、生产、贸易为一体的大型企业集团。

上海国电钣金制造有限公司是集团下属的专业生产开关柜柜体、网络机柜、通用仪表柜、操作台、控制箱、户外箱式变电站、各种实验设备外壳、机器设备钣金件、等钣金类产品全资子公司。公司位于浦东上海国际医学园区，占地60000平方米，建筑面积45000平方米，现有员工300多人，博士学位3人，高级工程师8人，技术工程师16人，质量工程师23人。总资产1.2亿元，年产值8000万，产品遍布全国及海外市场。

公司拥有国际先进瑞士百超激光切割机，日本AMADA 可编程数控冲床，自动液压折弯机，数控剪板机、日本OTC公司焊接机器人、德国TOX压铆机和美国诺讯全自动喷涂流水线等一系列现代化的生产设备。通过了ISO9001国际质量体系、ISO14000环境体系和OHSAS18000员工职业健康和安全认证。产品广泛应用于电力电气、通信网络、航空航海、广播电视、医疗、实验设备、工业机械设备、半导体、电子、楼宇监控及自动控制等行业。

公司坚持“以质量求生存，在创新中求发展”，相继为美国GE、加拿大赫斯基、日本寺崎电气集团、德国西门子、挪威康士伯、中微半导体、台塑集团、宝钢集团等世界知名企业提供钣金配套服务，还承接了奥运会、世博会、洋山深水港、西气东输、上海地铁等国家级重大工程项目。

公司坚持“以人为本、科技领先”的经营理验，追求卓越，精益求精，以一流的产品，一流的技术，一流的服务为客户创造价值，争创世界一流品牌。竭诚欢迎社会各界人士来电来访参观指导！

Shanghai China-Science Electric Group (ECC in short) is a large scale modern enterprise group who takes e-business as well as manufactures and sells high and low voltage switchgears and apparatus as a lead, and integrates them with scientific research, production and trade as a whole.

Shanghai Guodian Metal Sheet Manufacturing Co., Ltd. (Guodian in short) is a full capital sub-company subordinated to ECC and professionally manufacturing metal sheet products such as high and low voltage switchgear frames, network cubicles, common instrument cubicles, operating platforms, control panels, outdoor case type substations, enclosures for various test facilities, metal sheet parts for machine equipments and other metal sheet products. Guodian is located at Shanghai International Medical Zone in Pudong, Shanghai, occupying a land area of 60000 square meters and possessing building area 45000 square meters. Nowadays, there are more than 300 employees working for Guodian, of whom there are 3 holding doctorate degrees, 8 senior engineers, 16 technical engineers and 23 quality engineers. With a total asset of 120 million RMB yuan, the annual revenue comes to 80 million RMB yuan and our products are widely distributed in markets everywhere both at home and abroad.

Guodian has introduced a series of modern productive equipment such as internationally advanced Swiss Bystronic laser cutting machine, Japanese AMADA programmable digital controlled punching machines, automatic hydraulic bending machines, digital controlled shearing machines, Japanese OTC welding robot, German TOX press riveting machine and American full automatic spray line machine among others. Guodian has also been granted ISO 9001 Quality Conformation, ISO 14000 Environment Conformation and OHSAS 18000 Health and Safety Conformation. Its products are widely used in electric power and electric industries, tele-communication grid, aviation and navigation, broadcasting and TV, medical and test facilities, mechanical equipment, semiconductor, electronics, building monitoring and automatic control applications.

Persisting in business concept of "Pursuing existence with quality and seeking development with innovation", Guodian has offered a very good metal sheet relative service for world famous enterprises such as GE in America, Husky Energy Inc in Canada, Terasaki in Japan, Siemens in Germany, Kongsberg in Norway, AMEC, Taiwan Plastic, Bao Steel. Guodian also takes over state key and major projects such as Beijing 2008 Olympic Games, Shanghai 2010 Expo, Yangshan Deep Water Port, Gas Transmission from West to East, Shanghai Metro and others.

Based on the concept of "taking human being as base and sci-tech as lead", we seek excellence and make better ever since. We are creating value for our customers with first rate products, first rate technology and first rate service. We invite our friends at all walks of society both at home and abroad to visit us and give us guidance. We are now creating first rate brand for our products.





集团总部

公司位于浦东上海国际医学园区，占地60000平方米，建筑面积45000平方米，通过了ISO9001国际质量体系、ISO14000环境体系和OHSAS18000员工职业健康和安全认证。

Guodian is located at Shanghai International Medical Zone in Pudong, Shanghai, occupying a land area of 60000 square meters and possessing building area 45000 square meters. Guodian has also been granted ISO 9001 Quality Conformation, ISO 14000 Environment Conformation and OHSAS 18000 Health and Safety Conformation.



ISO9001质量管理体系认证



计量合格确认证书



机电行业全国
十佳诚信企业



合同信用
AAA等级



国际标准产
品标志证书



专利证书



上海名牌

- 中国优秀民营科技企业
CHINA EXCELLENT PRIVATE-OWNED SCI-TECH ENTERPRISE
- 上海市市外在沪大企业
CERTIFICATE OF SHANGHAI LARGE SCALE ENTERPRISE GROUP
- 上海市高新技术企业
CONFIRMATION OF NEW AND HI-TECH ENTERPRISE
- 上海名牌产品
SHANGHAI MUNICIPAL FAMOUS BRAND PRODUCT
- 进出口企业资格
CERTIFICATE OF EXP & IMP ENTERPRISE
- ISO9001质量体系认证
ISO 9001 QUALITY SYSTEM CERTIFICATE
- 美国应用材料公司全球合格供应商
APPROVED SUPPLIER OF APPLIED MATERIALS, INC., USA
- GE OEM制造商



办公大楼





公司拥有国际先进瑞士百超激光切割机，日本AMADA 可编程数控冲床，自动夜压折弯机，数控剪板机、日本OTC公司焊接机器人、德国TOX压铆机和美国诺讯全自动喷涂流水线等一系列现代化的生产设备。

Guodian has introduced a series of modern productive equipment such as internationally advanced Swiss Bystronic laser cutting machine, Japanese AMADA programmable digital controlled punching machines, automatic hydraulic bending machines, digital controlled shearing machines, Japanese OTC welding robot, German TOX press riveting machine and American full automatic spray line machine among others.



高、低压开关柜系列

- ▲ 主要生产: GCS、GCK、GGD、MNS、KYN18、KYN28、KYN1、JYN2、JYN6、XGN2、KYN61、JYN1、HXGN、IDCS2000等各种高、低压系列开关柜体, 电源柜体;
- ▲ 柜体为框架结构, 前后门及侧板均可拆卸, 并可按需开孔, 安装电器元件;
- ▲ 内部可按需配置各种附件, 供用户合理使用;
- ▲ 表面镀锌喷塑处理, 防腐性好, 颜色可按用户选择处理。

玻璃门开关柜 Dimensions of the glass door cubicle frame:

5	800	600	2000	43U
4	650	600	1800	38U
3	600	550	1600	34U
2	560	500	1400	29U
1	545	500	1200	25U
系列 Series	B	T	H	安装尺寸 Assembly height

注(Notes): 所列尺寸可任意搭配 Dimensions listed may be combined as needed.

Series of High and Low Voltage Cubicle Frame

- ▲ Mainly produce high and low voltage cubicle frames such as for GCS, GCK, GGD, MNS, KYN18, KYN28, KYN1, JYN2, JYN6, XGN2, KYN61, JYN1, HXGN and IDCS2000, also various power supply cubicle frames.
- ▲ Of frame structure, front and back doors of them are removable and hole pierced just as needed for assembly of electric components and parts.
- ▲ Different accessories may be mounted inside the cubicle as customer wants.
- ▲ Galvanized and plastic sprayed surfaces are corrosion-proof. Various colors are available for customer's choice.

1200	1000	2400
1000	800	2200
800	600	2000
600	400	1800
400	300	1600
A	B	H

IDCS2000 型开关柜 Switchgear



GCS 型开关柜 Switchgear



GGD 型开关柜 Switchgear



KYN61-40.5 型开关柜 Switchgear



MNS 型开关柜 Switchgear



XGN2-12 型开关柜 Switchgear

不锈钢户外配电箱
Stainless steel outdoor distributing cubicle

动力箱、分接箱、照明箱

Dimensions of power boxes, marshalling boxes and lighting boxes:



船舶电气柜、箱系列

EGCP(Z) 系列主配电板是用于船舶低压配电, 专为船用而研制, 做为控制、监视、保护发动机、电机照明网络之用。

船舶主配电板
Switchgear

操作台系列

- ▲ 本系列产品造型美观, 结构合理, 配置豪华; 设计充分考虑用户要求和现场需要;
- ▲ 本系列产品可配置相应的大型屏幕墙;
- ▲ 表面镀锌喷塑处理, 防腐性能高; 其等级也可根据用户要求处理;
- ▲ 可根据用户要求配置通风散热的风机及各种面板、台面和附件;
- ▲ 可广泛用于各种集中监控系统。

5	1340	580	530	400	1205	108
4	1261	550	450	400	1158	98
3	1212	500	400	400	1098	85
2	1169	420	360	360	970	70
1	1104	400	300	300	877.6	65
系列 Series	L	A	B	C	D	E

集控台
Switchgear

Structural accessories

EGCPL(Z) serial main switchboards are used for the ship low-voltage power distribution, for the control, monitor, protect the generator, electric lighting network.



控制箱 Switchgear

Series of Operating Platform Frames

- ▲ Nice-looking appearance, reasonable structure and luxury configuration. Customer requirements and site demand are fully put into consideration in the course of design.
- ▲ Large screen wall may be used for this series of products.
- ▲ Surface treatment such as galvanization and plastic spray makes the frame corrosion-proof to a high degree. The grade of surface treatment is done as per requirement of customers'.
- ▲ Ventilating and heat-dissipating fans, panel frames, platform plates and all kinds of accessories may be adopted just as customer's requirements.
- ▲ The products may be widely used in centralized monitoring systems.



网络机柜系列

- ▲ 外型美观，结构合理，玻璃可视面积大；
- ▲ 模数化搭配，安装立柱上的方孔和腰圆孔使安装时可直接卡M6螺栓，方便快捷灵活；
- ▲ 表面处理达标，多种颜色可供用户选择；
- ▲ 柜体侧板、背板均可拆卸，便于日后维护且通风散热效果好；
- ▲ 可按用户要求配置优质导轨、隔板、抽屉、电源插座、门控灯、风机和19英寸仪表箱及各种19英寸面板；
- ▲ 此系列产品尺寸可根据用户要求制作。

19英寸拼装式高级玻璃门柜

Dimensions of 19" setup high-grade glass door cabinet frame:

6A (B)	2122	650 (800)	43U
5A (B)	2022	650 (800)	40U
4A (B)	1822	650 (800)	36U
3A (B)	1622	650 (800)	31U
2A	1422	650	27U
1A	1222	650	23U
系列Series	H	T	安装高度 Assembly height



Network Cabinet Frames

- ▲ Eye-appealing, reasonable structure, wide glass viewing area;
- ▲ Modular combination. Square and oval holes directly clamp M6 bolts to make easy and flexible assembly;
- ▲ Surface treatment is done as per relevant standard with various colors for customer to select;
- ▲ Removable sidewall and rear plate of the cabinet ease ventilation, thermal dissipation and afterward maintenance;
- ▲ Configure high quality guide rails, self plates, drawers, power supply sockets, door-controlled lamps, fans, 19" instrument boxes and 19" panels according to requirement of customer;
- ▲ This series of products may be ready made as per customers'.

通信柜系列

- ▲ 外形美观，结构合理，配置豪华；设计充分考虑用户要求和现场需要；
- ▲ 柜门数冲开孔处理，使其通风散热性能更好更美观；
- ▲ 可以合理的配置各种通信电缆的导向卡箍；
- ▲ 表面镀锌喷塑处理，防腐性能高。

Series of Communicative Box Frames

- ▲ Nice-looking appearance, reasonable structure and luxury configuration. Customer requirements and site demand are fully put into consideration in the course of design.
- ▲ Digital control hole punched box door helps perfect ventilation and heat dissipation, and more good-looking as well.
- ▲ Various of communicative cables and direction guiding clamp may be configured reasonably in the box.
- ▲ Surface treatment such as galvanization and plastic spray makes the frame corrosion-proof to a high degree.



威图机柜系列特征

备有革命性的开门设计，各种尺寸的机柜都能应用新设计以配合顾客的要求。新设计有单门侧开式或双门中开式两种。顾客可从机柜的放置空间选择自己适合的柜门。这样，在I.T.机器的安装和维修时就可以充分使用工作空间。单门侧开式机柜：①柜宽600mm，化装板宽100mm，门宽500mm，比例1对5；②柜宽800mm，化装板宽100mm，门宽700mm，比例1对7，还有双门中开式机柜；柜宽有600mm，800mm可供选择，门比例全为1对1。

为了提高机柜前后部的线缆管理质量，柜宽700和800mm的型号前部均设有走线通道化妆盖板，可覆盖线缆同时带来美观的效果。

Basic feature

Innovative door open design. All series of cubicles can be incorporated with new designs to adapt to varieties of requirements from customers. There are two kinds of new designs: single door side open and double door middle open. Customers may select most appropriate kinds of door open as per actual layout space cubicles are placed. In this way, working space will be fully applied when operation and maintenance.

Cubicles with door side open:

① Cubicle width: 600mm, Decorating plate width: 100mm, Door width: 500mm.

② Cubicle width: 800mm, Decorating plate width: 100mm, Door width: 700mm.

For those cubicles with double door middle open, there are two kinds of cubicle width 600mm and 800mm for customers' selection, door width and cubicle width being equal.

In order to raise quality of cable connection at both front and rear of the cubicle, a decorating cover for wiring is set for those cubicles with cubicle width 700mm and 800mm.

柜宽(Cubicle width)600 mm



配置系统选择 Choices of configuration series

四种配置系列可供选择

Typical configuration series

- ◆ 基本配置系列—全套
Typical configuration series – complete set
- ◆ 配套A系列—基本框架
Series A – Basic frame
- ◆ 配套B系列—基本框架+门
Series B – Basic frame + doors
- ◆ 配套C系列—基本框架+侧板
Series C – Basic frame + side boards

基本配置系列
(Typical configuration series)配套A系列：
不包含门和侧板
Not including doors
and side boards配套B系列：
不包含侧板
Not including
side boards配套C系列：
不包含门
Not including
doors

医疗设备系列 Series of Operating Platform Frames



触摸屏系列

因为我们有强大的技术力量和生产能力，因此我们能够按您的设想制造出各种新颖的款式。本系列触摸屏外壳适用于各品牌的15寸-21寸显示器。热诚欢迎您能与我们一起设想出一套完美并独具性格的产品。

Series of touch screen cases

With powerful technical strength and productive capacity, we are able to design and manufacture different styles of shapes according to your conception. This series of touch screen enclosure are suitable for several brands of 15" ~ 19" displays. Warm welcome to being with us working out a perfect and private product.



变电站箱体系列

金属变电站箱体

结构：

- ▲ 变电站骨架结构采用槽钢及角钢制造，有较高的机械强度，外壳采用铝合金板等材料制造，表面光滑平整，产品美观大方，且具有较好的防腐性能。
- ▲ 变电站各室之间均用隔板隔成独立的小室。
- ▲ 顶盖为双层结构，以防止热辐射。
- ▲ 变压器顶部装有排风扇，自动控制变压器室温度，增加空气对流降低室温。
- ▲ 为了便于监视的检修，变压器室、低压室和高压室均设有照明装置，由门控制其开关。
- ▲ 变电站可转动的连接部分均采用橡胶带密封，有较好的防潮能力。

Series of Substation Case Frames

For metal case frames

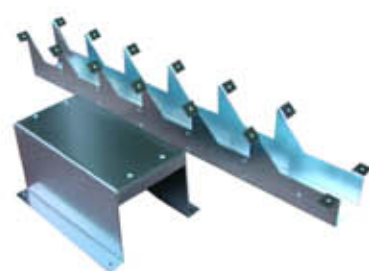
Structure

- ▲ The structural frames of substation are made of channel steel and angle steel resulting in higher mechanical intensity. The enclosure is manufactured with aluminum alloy plate and similar materials and eventually the final product is smooth, even, eye-catching and good corrosion-proof.
- ▲ Compartments in substation are independent since they are separated with partitions in between.
- ▲ The top part is of two-tier structure in order to prevent against heat radiation.
- ▲ Exhaust fan mounted on top of transformer will automatically control the temperature in the transformer compartment by enhancing air convection in order to drop internal temperature.
- ▲ Lighting facilities controlled by door are equipped in the transformer compartment, low voltage compartment and high voltage compartment for the sake of easy monitoring and maintenance.
- ▲ Rotating link parts in substation is sealed with rubber strip resulting in good moisture prevention.



其他钣金产品

本公司还生产各种非标控制箱、挂墙箱等产品，品种繁多。可根据客户要求制成各种尺寸并达到所需要的防护等级；并有能力承接广播电视台、市政府大厦等大型监控室、航空航海、公安指挥、广告亭、警卫亭等大型工程的操作台等设计、生产及服务。



Miscellaneous

Apart from above-mentioned products, we also manufacture a varieties of non-standard control boxes and wall hanging boxes with required class of protection in various dimensions as per customers'. As a matter of fact, we have full capacity to undertake design, production and service for broadcast TV stations, large scale monitoring room in town hall gates, operating platforms for large projects such as airport and seaport, public security command, notice and safeguard pavilions.

部分客户:



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