



Shenzhen Shangying Electronic Technology Co., Ltd

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Company Profile

Shang Ying Electronics was founded in 2006, headquartered in Shenzhen, Guangdong Province, production base is located in Yueyang, Hunan Province, is China's earliest engaged in sensitive components research, development, production of high-tech enterprises, the main products: PTC positive temperature thermistor, NTC temperature sensor, varistor and other sensitive components, currently has 280 employees, has formed a monthly production capacity of 30 million production scale, widely used in: power equipment, instrumentation, new energy, industrial control board, household appliances, industrial electronic equipment, communications, electric power, automotive, welding equipment and other fields.



Company reality

■ Front desk



■ Shenzhen company



■ Hunan factory



Organization

shang ying
(general manager)

Shenzhen Shang Ying electronic technology Co., LTD
(marketing center)

Hunan new business surplus electronic technology Co., LTD
(production base)

vice presiden

Plant manager

marketing center

management
center

Finance 1

management
center

R&D
center

Manufacturi
ng Center

quality
departm
ent

warehousing
department

Finance 2

Foreign trade
department

Domestic Sales
Department

marketing
department

Administra
tion

Human
Resources

Planning
Department

Administrati
on

Purchasing
Department

Human
Resources

R&D

Engineering
Department

laboratory

Production
Division I

Production
Division II

raw material
storage bay

finished
product
warehouse

Company Qualifications

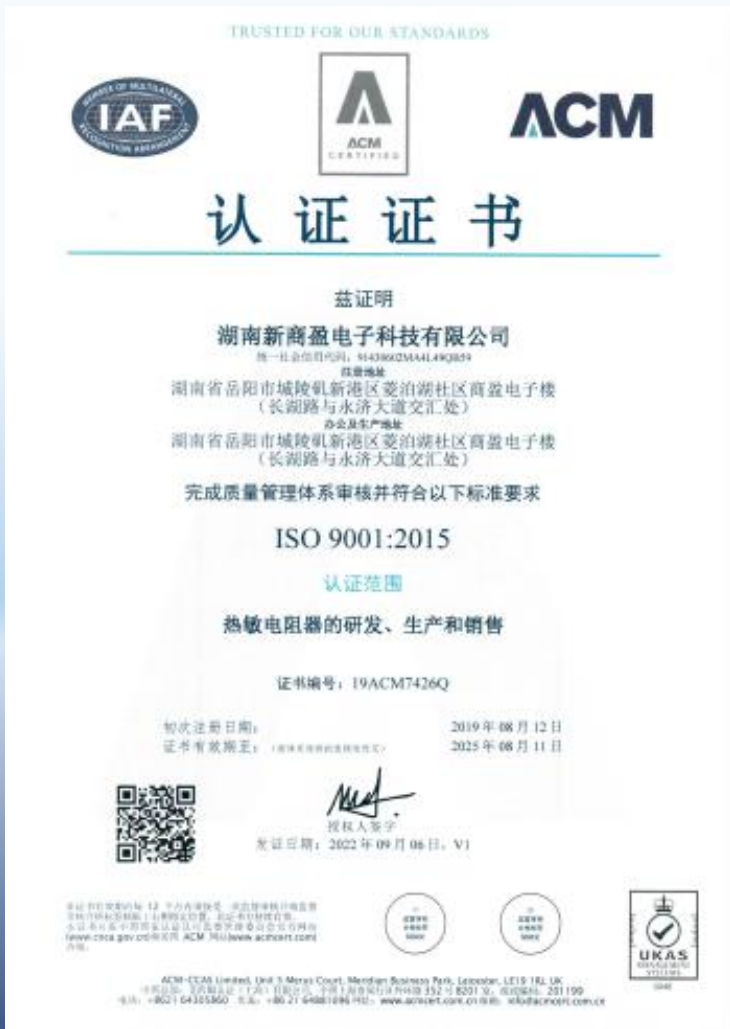
CQC 产品认证证书	
证书编号: CQC19001219273	发证日期: 2021年10月22日 有效期至: 长期有效
委托人名称 及注册地址	深圳市南融电子科技有限公司 深圳市宝安区沙井街道步涌社区同兴路8号二楼
制造商名称 及注册地址	湖南新南融电子科技有限公司 湖南省岳阳市城陵矶新港区云港路临港科技创业服务中心三栋西楼414、415室
生产企业名称 及生产地址	湖南新南融电子科技有限公司 湖南省岳阳市城陵矶新港区长湖路湖南新南融电子科技有限公司
产品名称和系列 规格、型号	PTC 正温度系数热敏电阻 见附件
产品标准和技术要求	GB/T 14536.1-2008; GB/T 7153-2002; GB 8898-2011
认证模式	产品型式试验+获证后监督
上述产品符合 CQC11-471553-2015 认证规则的要求, 特此认证。 本证书为变更证书, 证书首次颁发日期: 2019年05月27日 本证书的有效性依据发证机构的定期监督获得保持。	
可通过扫描下方二维码或登录国家认监委网站 (www.cnca.gov.cn) 查验证书信息 签发: 谢肇煦 CQC 中国质量认证中心 中国质量认证中心 http://www.cqc.com.cn 中国·北京·南四环西路188号9区 100070 电话: +86 10 83886666	

■ PTC thermistorsCQC

CQC 产品认证证书	
证书编号: CQC2001596791	发证日期: 2020年07月11日 有效期至: 2028年07月10日
委托人名称 及注册地址	深圳市南融电子科技有限公司 深圳市宝安区沙井街道步涌社区同兴路8号二楼
制造商名称 及注册地址	深圳市南融电子科技有限公司 深圳市宝安区沙井街道步涌社区同兴路8号二楼
生产企业名称 及生产地址	湖南新南融电子科技有限公司 湖南省岳阳市城陵矶新港区长湖路湖南新南融电子科技有限公司
产品名称和系列 规格、型号	直热式负温度系数热敏电阻 (NTC 负温度系数热敏电阻) CWF A0104a4400, CWF A0104a4450, CWF A0473a4090, CWF A0104a4150, CWF A0153a4150, CWF A0153a4200, CWF A0502a3470, CWF A0103a3950, CWF A0104a3950, CWF A0103a4250, CWF A0104a4250, CWF A0103a4270, CWF A0103a4300, CWF A0103a3950, CWF E0104a3990 (电阻值 5kΩ~100kΩ; 表示功率 电阻值允许偏差 F: ±3%, G: ±2%, H: ±3%, J: ±5%, K: ±10%, L: ±15%, M: ±20%; 气候类别 30/125/42; 绝缘型)
产品标准和技术要求	GB/T 6663.1-2007
认证模式	产品型式试验+获证后监督
上述产品符合 CQC11-471552-2015 认证规则的要求, 特此认证。 证书有效期内本证书的有效性依据发证机构的定期监督获得保持。	
可通过扫描下方二维码或登录国家认监委网站 (www.cnca.gov.cn) 查验证书信息 签发: 谢肇煦 CQC 中国质量认证中心 中国质量认证中心 http://www.cqc.com.cn 中国·北京·南四环西路188号9区 100070 电话: +86 10 83886666	

■ NTCthermistorsCQC

Company Qualifications



■ ISO9001



■ PTC thermistors CE



■ SGS

Company Qualifications

CERTIFICATE OF COMPLIANCE

Certificate Number	E530519
Report Reference	E530519-20230626
Date	2023-July-03
Issued to:	Shenzhen Shangying Electronic Technology Co Ltd Second Floor, No.8 Xiangxing Road, Buchong Community Shajing Street, Bao'An District Shenzhen Guangdong 518104 CN
This is to certify that representative samples of	THERMISTOR-TYPE DEVICES - COMPONENT See Addendum Page for Product Designation(s).
	Have been evaluated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.
Standard(s) for Safety:	Thermistor-Type Devices, UL 1434 CSA Component Acceptance Service No. 53, LTR I-003-2013 Class No: 9073 32
Additional Information:	See the UL Online Certifications Directory at https://iq.ulprospector.com for additional information

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Recognized Component Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.



Shen Shuang Gao
Deborah Jennings-Carter, VP Regulatory Services
UL LLC
Any information and documentation including UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at info@ul.com or [1-800-368-2763](tel:18003682763).

CERTIFICATE OF COMPLIANCE

Certificate Number	E530519
Report Reference	E530519-20230626
Date	2023-July-03

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Thermistor-type devices, Positive Temperature Coefficient (PTC) Current Limiters, Model:

SMZ11-06B30-80Rx
SMZ11-06B75-251Rx
SMZ11-06P50-101Rx
SMZ11-06P80-161Rx
SMZ11-06P20-40Rx
SMZ11-06E101-201Rx
SMZ11-06E201-401Rx
SMZ11-06E501-801Rx
SMZ11-08D20-40Rx
SMZ11-08C40-80Rx
SMZ11-08P17-53Rx
SMZ11-09B20-80Rx
SMZ11-09B70-131Rx
SMZ11-09B9-17Rx
SMZ11-09B15-25Rx
SMZ11-10P20-50Rx
SMZ11-10P70-131Rx
SMZ11-10P101-301Rx

"x" can be blank or maximum 8 codes, can be any numbers 0-9 or any letters A-Z.



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CERTIFICATE OF COMPLIANCE

Certificate Number	E530519
Report Reference	E530519-20230608
Date	2023-June-09

Issued to: Shenzhen Shangying Electronic Technology Co Ltd
Second Floor, No.8 Xiangxing Road, Buchong Community,
Shajing Street, Bao'An District, Shenzhen
GUANGDONG 518104 CN

This is to certify that representative samples of
THERMISTOR-TYPE DEVICES - COMPONENT
See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

Standard(s) for Safety: See Addendum Page

Additional Information: See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Recognized Component Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.



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CERTIFICATE OF COMPLIANCE

Certificate Number	E530519
Report Reference	E530519-20230608
Date	2023-June-09

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Thermistor-type devices, Positive Temperature Coefficient (PTC) Motor Starters, SMZ12 Series.

Models: SMZ12-13P20-80Rx, SMZ12-13P38-85Rx, SMZ12-13P70-131Rx, SMZ12-13P101-301Rx, SMZ12-15P10-30Rx, SMZ12-15P30-82Rx, SMZ12-15P15-101Rx, SMZ12-15P70-131Rx, SMZ12-15P101-201Rx, SMZ12-15P471-631Rx, SMZ12-19P4-10Rx, SMZ12-19P10-20Rx, SMZ12-19P20-40Rx, SMZ12-19P40-80Rx, SMZ12-19P70-131Rx, SMZ12-19P101-301Rx, SMZ12-19G18-50Rx, SMZ12-19G50-101Rx, SMZ12-19G101-201Rx, SMZ12-19G471-631Rx

"x" can be blank or maximum 8 codes, can be any numbers 0-9 or any letters A-Z.

STANDARDS

UL 1434 Thermistor-Type Devices

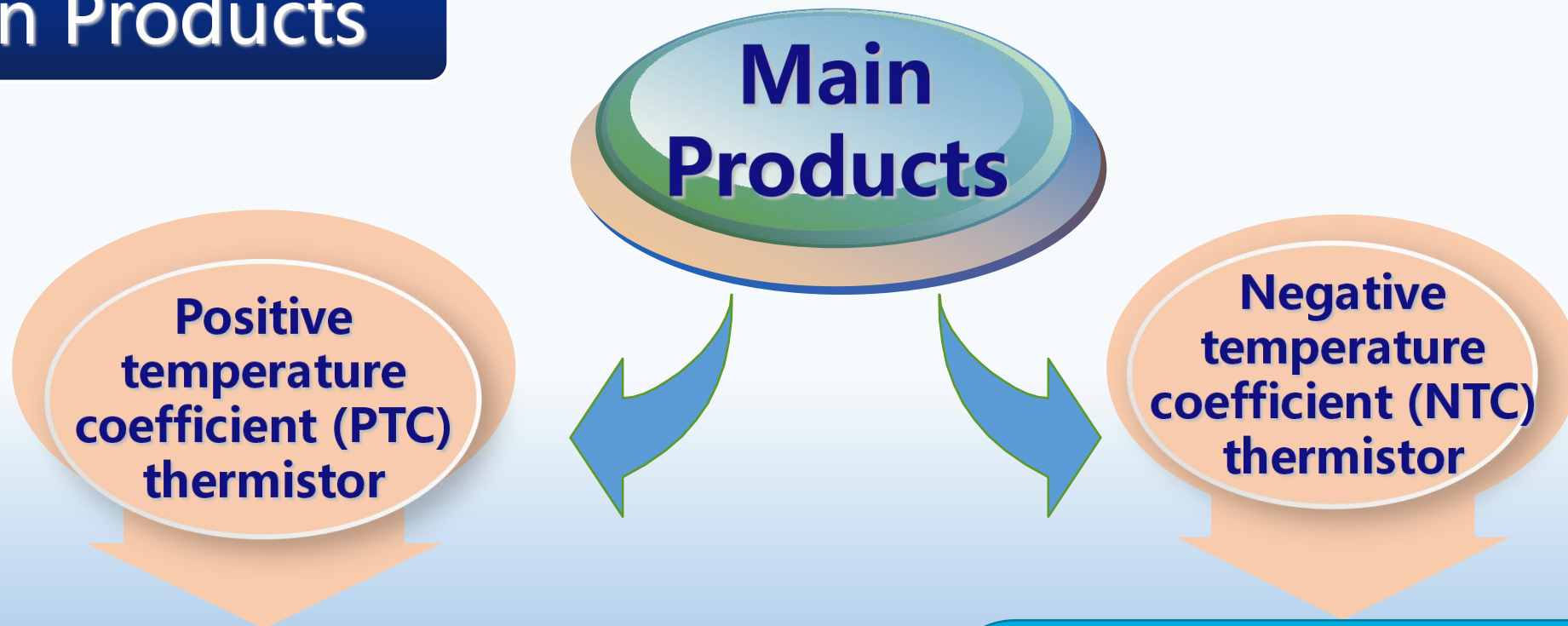
CSA ELECTRONIC COMPONENTS LTR I-003-2013 CLASS NO: 9073 32, ELECTRONIC COMPONENTS – THERMISTORS – PTC TYPE



Shen Shuang Gao
Deborah Jennings-Carter, VP Regulatory Services
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■ PTC thermistors UL

Main Products



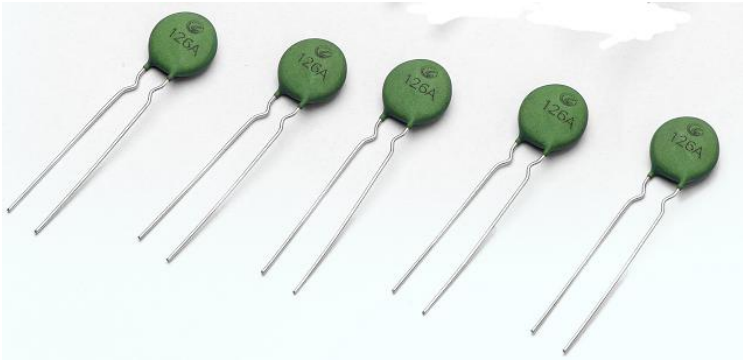
SMZ11: Over and over load protection series
SMZ12: Delayed start series
SMZ13: Composite series

CWF (Sensor) series:
A0 (Electrical terminal structure)
B0 (Other shape structure)
E0 (Coating material structure)
G0 (Plastic shell structure)
H0 (Composite structure)
PT100
PT1000

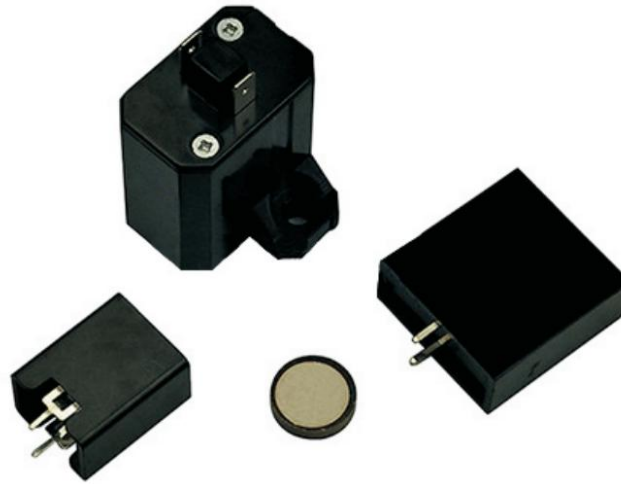
product display

PTC products are divided by function. There are overcurrent protection, degaussing, motor starting, constant temperature heating and other applications. Downstream products such as instruments, refrigerators, air conditioners, automobiles, welding machines, home appliance control boards, etc., are the main application areas.

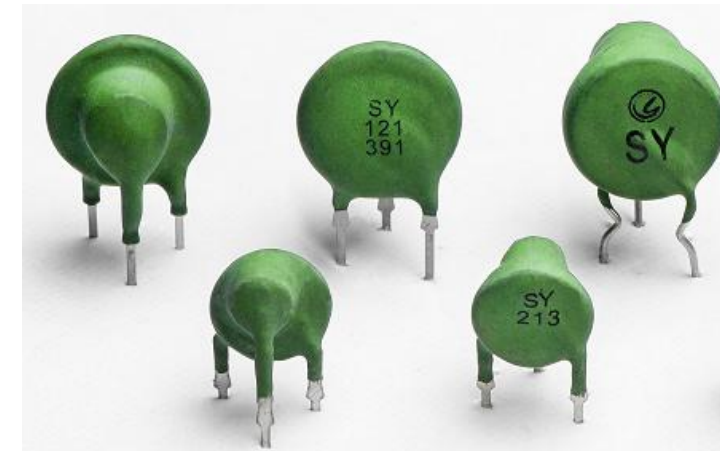
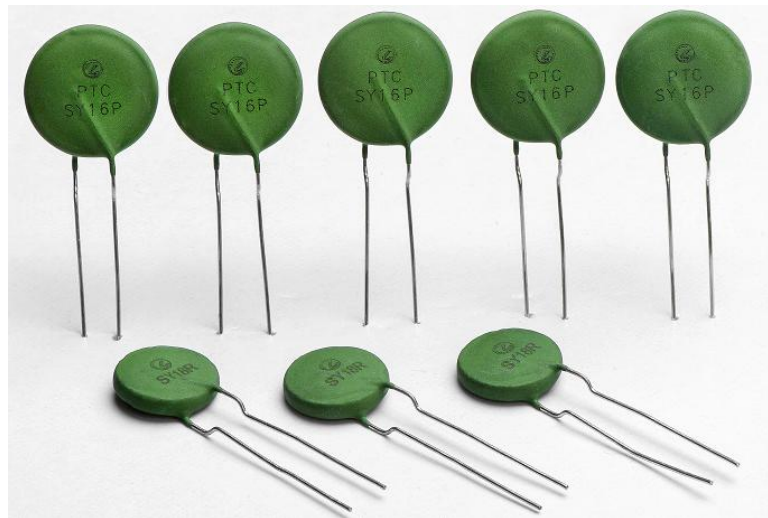
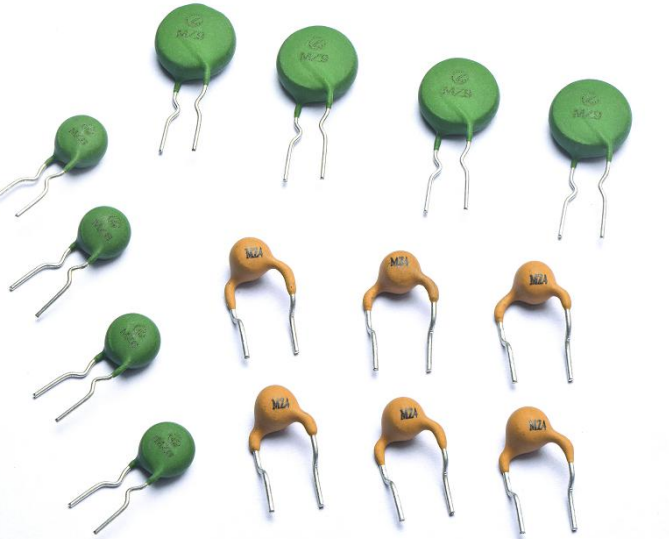
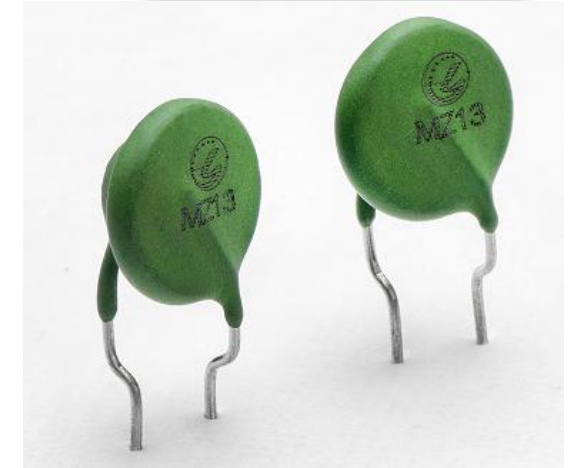
**SMZ11 Series
PTC thermistors**



**SMZ12 series
PTC thermistors**



**SMZ13series
PTC thermistors**

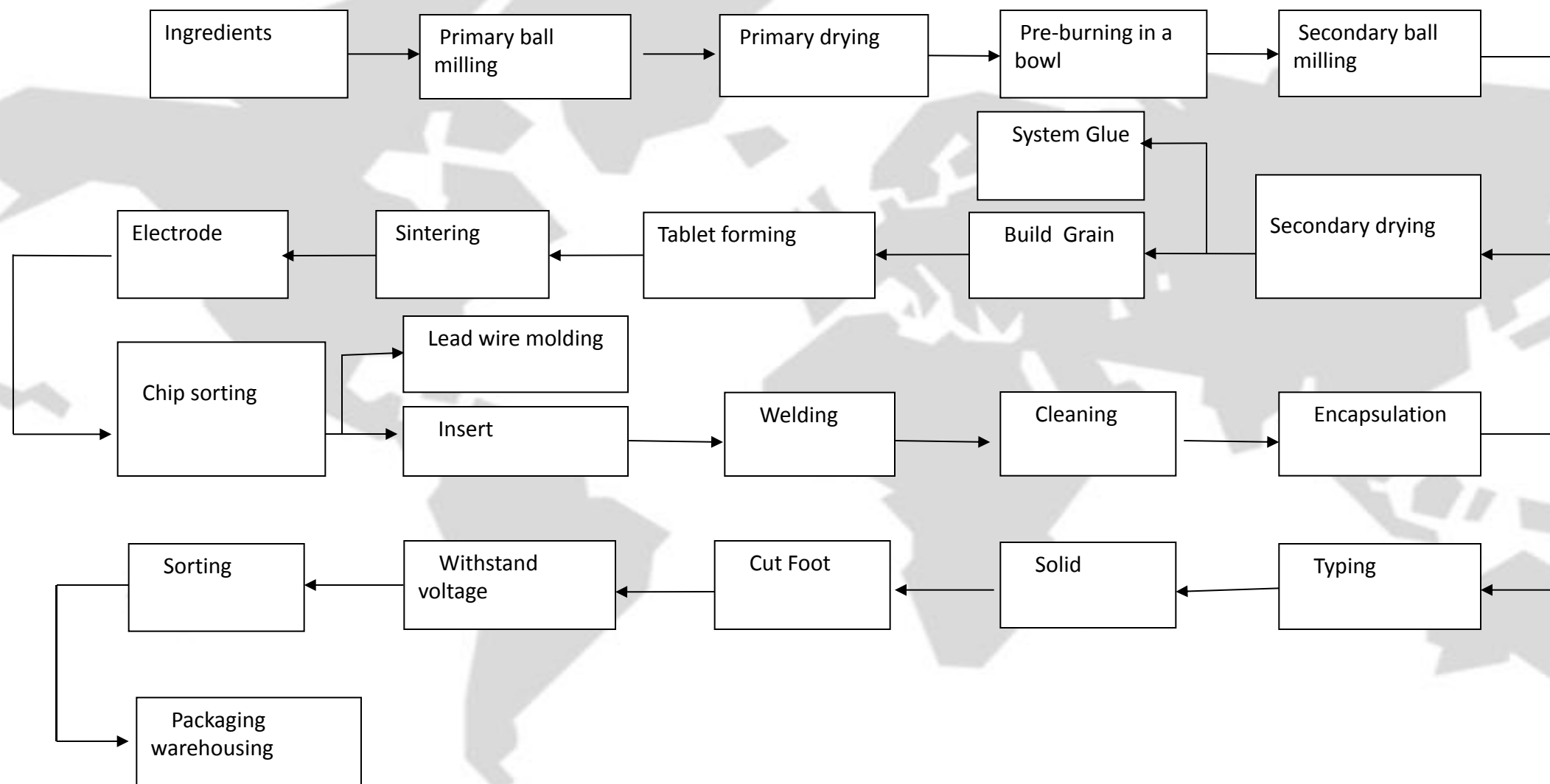


product display

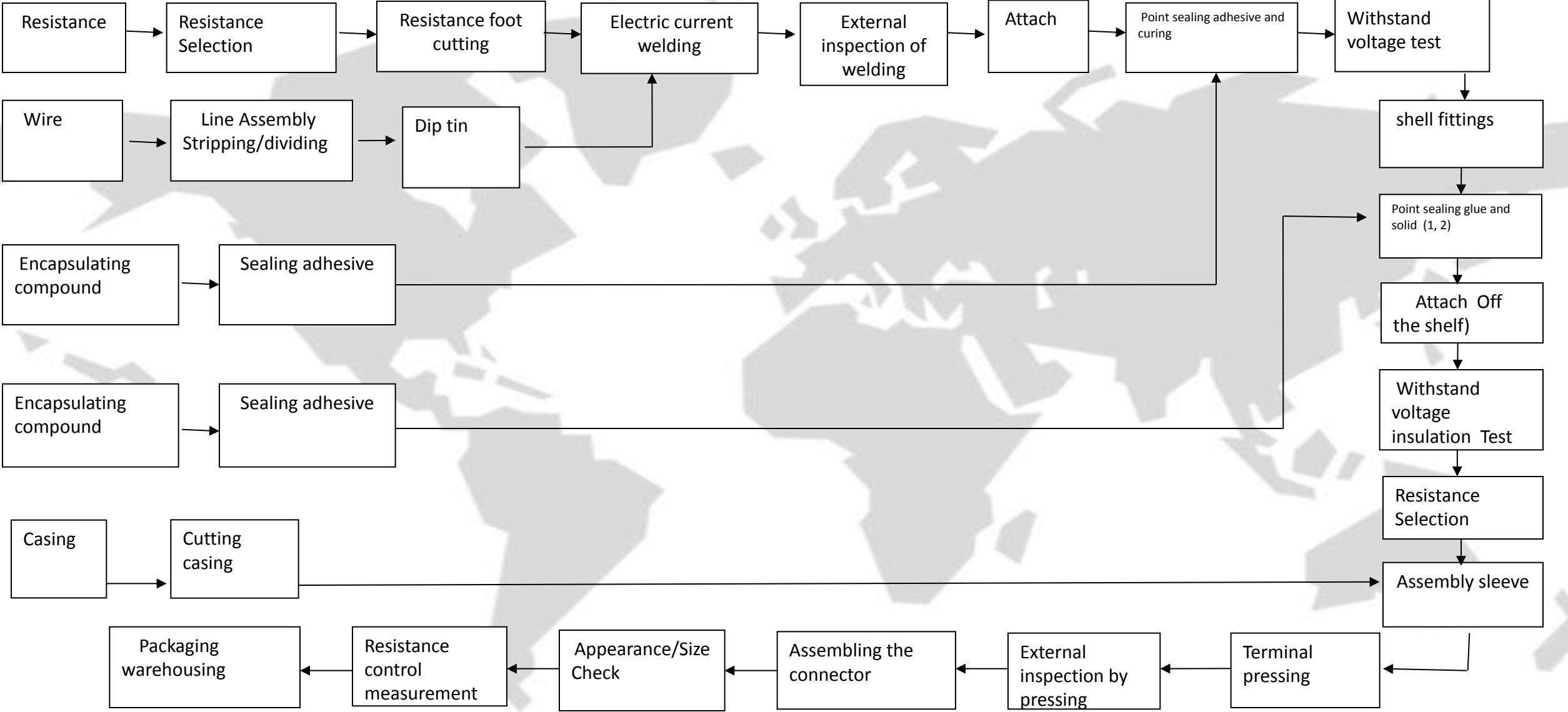
Negative temperature coefficient (NTC) thermistor: CWF(sensor) series



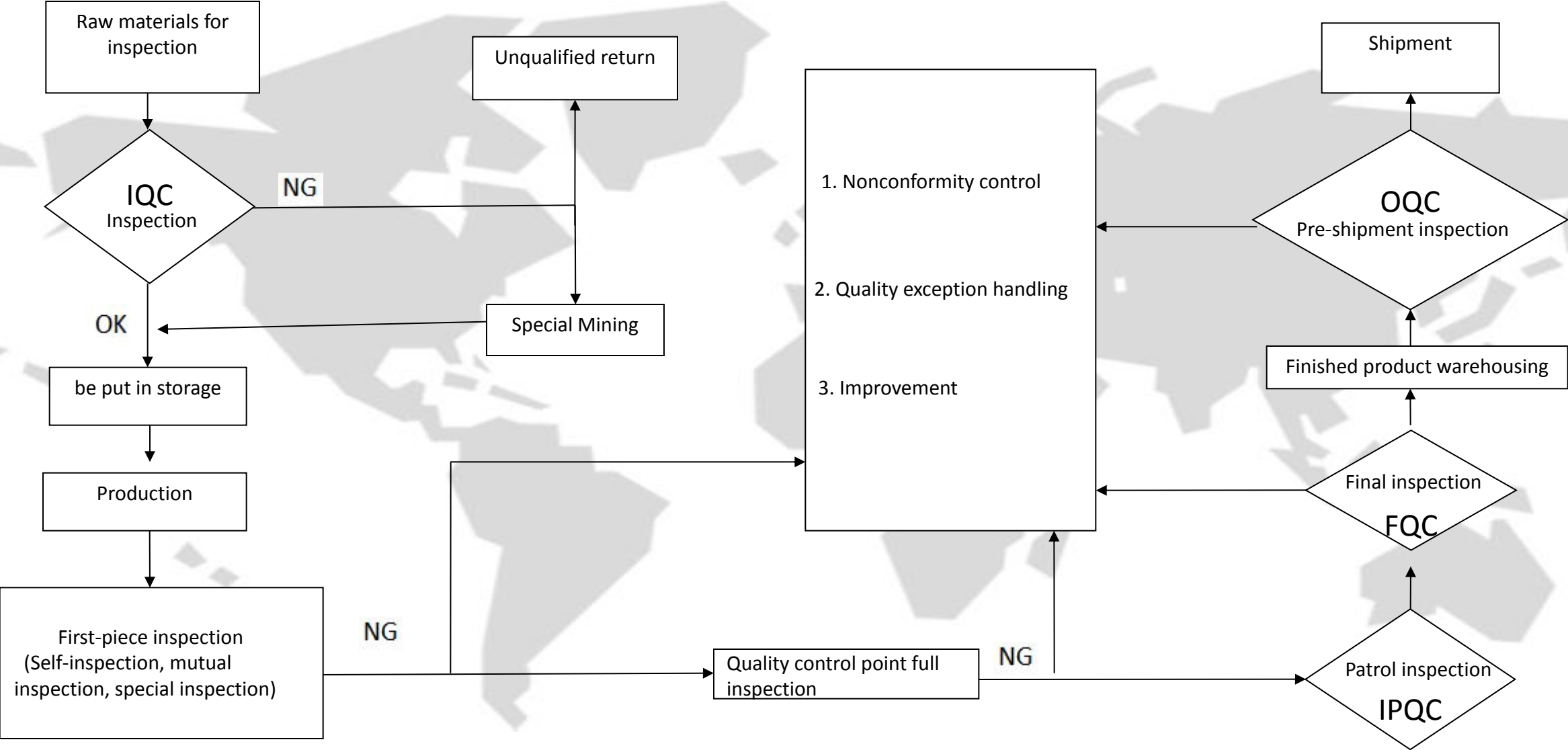
PTC Production process flow



NTC Production process flow



Quality control flow chart



Equipment display



Main production equipment list

List of main production equipment				
Serial number	Name of the equipment	Specification and model	Manufacturer	Quantity
1	pure water equipment	HXD	Hengxinda	1
2	ball mills	FT-500	Dragon Grinding	6
3	Filter Press	YLJ	Dragon Grinding	1
4	computer drying ovens	KX	Bohangsheng	16
5	Mixer	20L	Dragon Grinding	1
6	Mixing mill	MZ-1	Sensitive Electronics	1
7	Swing Granulator	FK160	Dragon Grinding	2
8	Glue Making Machine	ZJJ	Homemade	1
9	Microwave Dryer	QX-16HM4	Qixie Microwave	1
10	semi-automatic vertical continuous sintering furnace	LS-8	Langchen Electronics	8
11	bell cover sintering furnace	ZZ1-6-13	Langchen Electronics	1
12	Tunnel Resistance Furnace	STL-13	Langchen Electronics	1
13	Tablet press	SRXZ-200	Sanrui Electromechanical	6
14	mesh belt tunnel resistance furnace	WD	Langchen Electronics	1
15	dual-grid belt tunnel resistance furnace	SWD	Langchen Electronics	1
16	Six-temperature reflow welding	KAYA-A600D	Keyan electromechanical	1
17	chip sorting machine	WLCS-601	Bandung Electronics	6
18	three-in-one automatic production line	TF-168D	Tengyuan Machinery	6
19	Chipping Machine	JPJ	Kejie Machinery	2
20	composite clamping machine	JPJ	Sanfu Machinery	1
21	Ultrasonic cleaning	HXD-1012	Hengxinda	2
22	plate washing water distillation machine	HXD-30Z	Hengxinda	1
23	Envelope	BFJ	Kejie Machinery	4
24	Hardening Furnace	WD	Chengdu Langchen	1
25	Laser Marking Machine	DLC-380	Nanjing Laser	3
26	All-Computer Cutting and Peeling Machine	YX-200	Yongxin	4
27	Computer Pipe Cutting Machine		Yongxin	1
28	silent terminals	2000	Yongxin	3
29	Precision Pneumatic AC Spot Welding Machine	PT108Q	Yongzhi	4
30	Inverter DC Spot Welding Machine	5000A	Three Associations	2
31	Resistance Molding Machine	SF-208	Xingxun	2
32	Vacuum/Visual Dispensing Machine		Yidian Intelligent	13
33	Fully Automatic Gluing Machine		Xin En	1
34	Industrial thermostatic tank		Yuteng	4
35	digital display thermostatic tin furnace	NS-100	Meisheng	4

Inspection equipment

List of main inspection and test equipment

Serial number	Name of the equipment	Specification and model	Manufacturer	Quantity	Specific application
1	High-temperature aging test chamber	OK-T-150	Guangdong Oke	3	High-temperature aging test
2	Programmable constant temperature and humidity test chamber	OK-TH-150	Guangdong Oke	1	Constant temperature and humidity test
3	Hot and cold impact test chamber (three tanks)	OK-TS-49A3	Guangdong Oke	1	Hot and cold impact test
4	High and low temperature cycle test chamber	OK-HL-150	Guangdong Oke	2	High and low temperature test
5	Fully automatic intelligent salt spray testing machine	OK-SH-60	Guangdong Oke	1	Corrosion resistance test
6	X-fluorescence spectrometer	XRF-T6	Xifan Instruments	1	RoHS environmental protection testing
7	LCD digital viscometer	NDJ-8S	Engling instrument	1	It is used for the measurement of various fluid
8	PTC resistance temperature characteristic test system	RT-30A	Three-turn electromechanical	1	PTC resistance/Curie temperature test
9	Precision digital merter	34401A	Three-turn	1	
10	DC low-voltage tester	PS-6402D	Three-turn	1	
11	NTC resistance temperature characteristic test system		Chuang Jingrui	1	NTC resistance selected test
12	Digital constant temperature water bath pot	HH-2	Changzhou Putian	1	High-temperature water boiling test
13	DC power supply	IT6933A	ITECH	1	Thermal constant/dissipation coefficient test
14	Thermostatic aging box	SY-LHX	Make by oneself	1	Aging test
15	Current impact table	SY-CJT	Make by oneself	1	Impact test
16	Destructive pressure tester	SY-NYY	Make by oneself	1	Destructive pressure resistance test
17	Automatic circulating pressure tester	JY-24	Three-turn	1	Pressure-resistant impact test
18	Laboratory DC resistance box	ZX21	Three-turn	1	Point inspection of resistance test equipment
19	Shaw's rubber hardness tester	O-100HA	Ait Instruments	1	Shore rubber hardness test
20	Electric tensile testing machine	ZP-500	Ait Instruments	1	Tral test
21	Pointer-type push-pull force meter	NK-50	Edberg Instruments	1	Tral test
22	Three-digit half-disk table (AC digital	DF3D-A-2000	Ait Instruments	1	Inspection of voltage-resistant equipment
23	Product tensile tester	SY-LLY	Make by oneself	1	Strength test
24	CCD microscope		Electronic City	2	Appearance inspection
25	Voltage-resistant insulation tester	7122	LANKE	4	Voltage-resistant insulation test
26	Voltage-resistant insulation point detector	PZ201D	LANKE	1	Pressure-resistant insulation point inspection
27	Thermistor tester	HG2515	Huigao Electronics	Ten	Resistance test
28	DC low resistance tester	HG2511	Huigao Electronics	8	Resistance test
29	Varistor tester	HG2516	Huigao Electronics	2	Resistance test
30	PTC pressure-resistant machine	MNY-72T	Three-turn	12	Pressure resistance test
31	Steel sheet composite PTC press-resistant	MNY-72T	Three-turn	4	Pressure resistance test
32	Paper tape composite PTC press-resistant	FHXNYJ	Make by oneself	4	Pressure resistance test
33	Digital thermometer	DT-1310	Lihua Instruments	1	Temperature check
34	Standard thermometer (Boxin temperature sensing head)	1502A	Ait Instruments	1	Temperature check
35	Electronic balance	BSM210.3	Aihua scale	12	Ingredients/chip weight
36	Precision electronic balance	JA1003	Lucky Electronics	1	Chip weight

Application area



domestic appliance



Home appliance
control panel



Energy storage
power supply



electric meter



Ups Power Source

Application area



charging pile



DCDC



OBC



new energy automobile



frequency changer

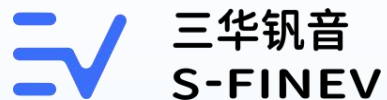


servo drive

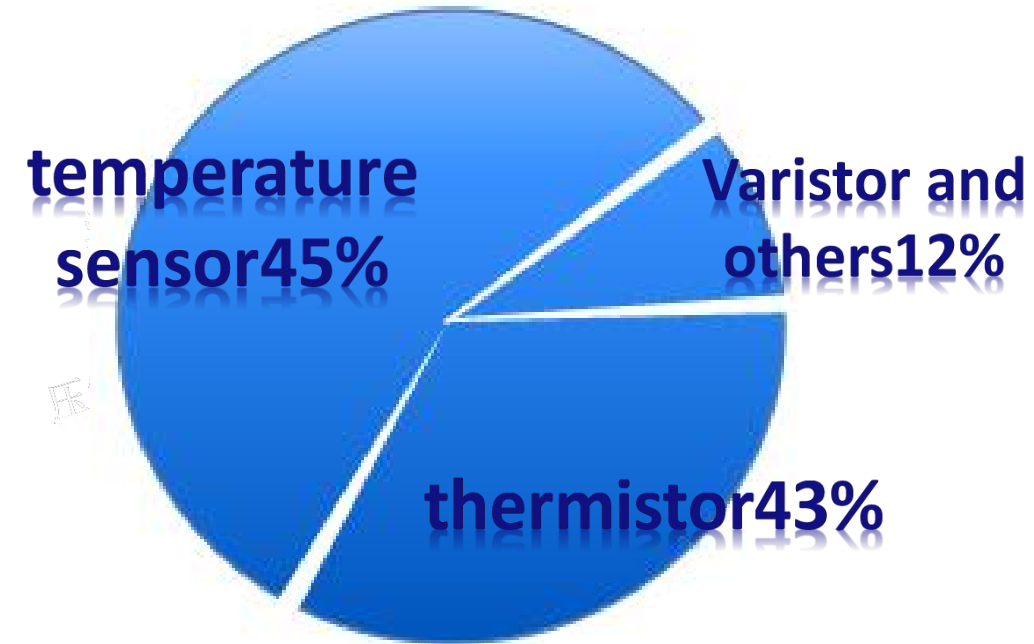
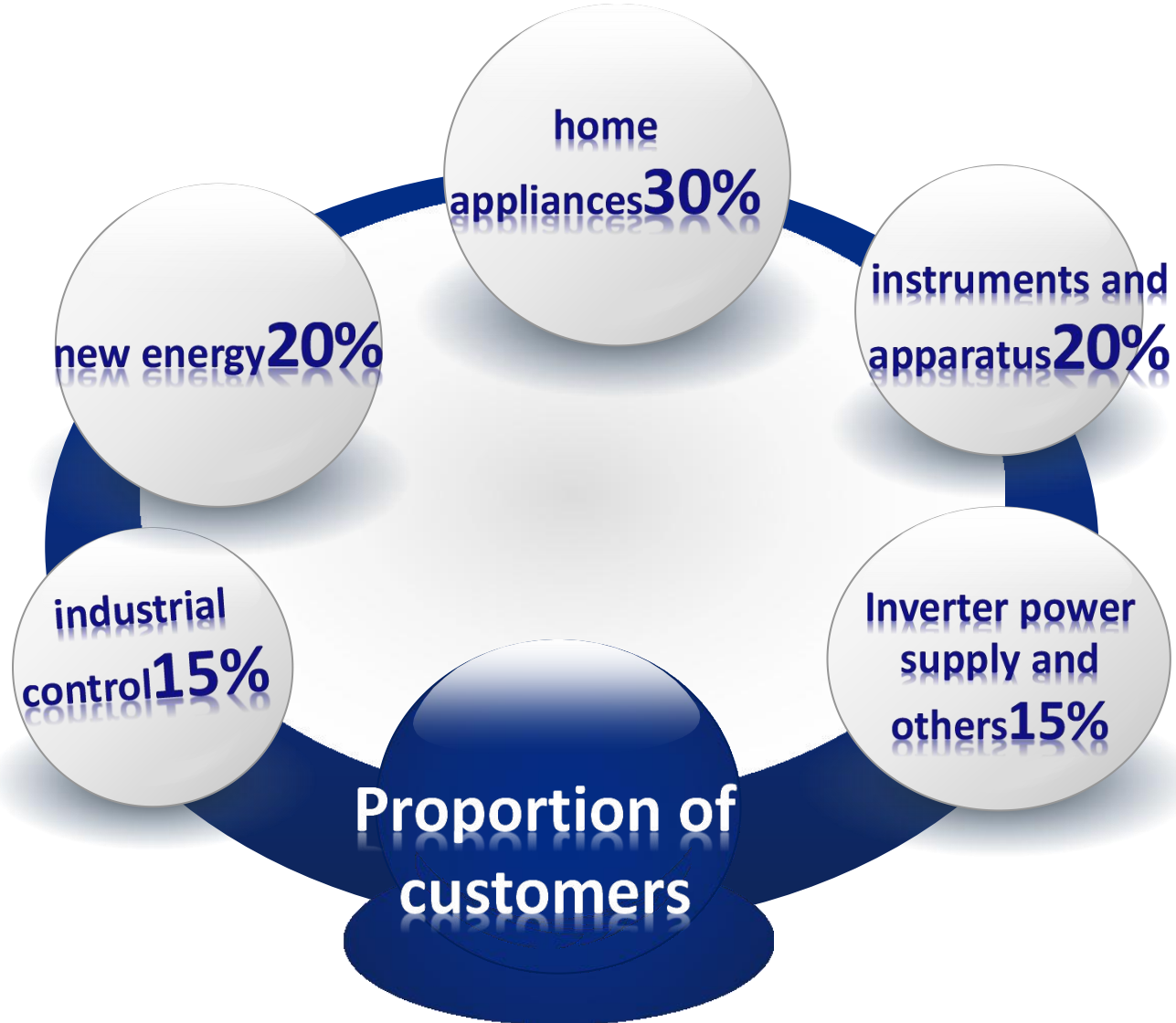


photovoltaic
inverter

Cooperation Customers



Sales Status



Contact Information

Shenzhen Shang Ying Electronic Technology Co., LTD

Address: Shenzhen Baoan District Shajing Street Buyong Community
Xiangxing Road No. 8 Hao Ying Industrial Park

Tel: 0755-86092836 Fax: 0755-86092848

Factory Address: Yueyang City, Hunan Province Chenglingji Xingang
District Changhu Road No. 8 Shang Ying Industrial Park Factory

Tel: 0730-2951782 Factory Fax: 0730-2951780

Web: [Http://www.szshay.net](http://www.szshay.net) E-mail: szshay@szshay.net



Company website QR code