



LEADER TECHNOLOGY (SHENZHEN) CO., LIMITED

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- 4 **Company Honors**
- 5 **Innovative R&D**

Powered by nature. Connected for excellence

01



Company profile

▶ Company Profile



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Innovative R&D



Leader Group established in January 2008, with a plant area of more than 5,000 square feet, we produce and sell: solar connectors, solar cables, solar junction boxes, solar harnesses, power cables and other photovoltaic connection system products for research, development and production.

The Group always insists on the product design concept of more innovative, safer and more efficient. The company has passed ISO9001-2015 quality management system, ISO14001 environmental management system, OHSAS18001 occupational health and safety management system certification and CMMI capability maturity model integration certification, and won the "National High-tech Enterprise", "China Famous Trademark", "AAA Grade Credit Enterprise" and "Civilized Unit" of provinces and municipalities, etc.

▶ Company Profile



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Innovative R&D



Leader group specializes in the R&D and production of solar connectors, solar cables, solar junction boxes, solar wiring harnesses, power cables, and other products of photovoltaic connection systems. It has three production bases and more than 100 employees. The turnover in 2022 has reached 230 million US dollars. The product sales network covers the world and exports to 78 countries and regions in the Americas, Europe, the Middle East, Southeast Asia, Africa, Oceania, etc.; it has formed strategic partnerships with many world-class international photovoltaic EPC companies. As a result, many users around the world offer good feedback. By 2022, our products have successfully connected more than 23 GW of photovoltaic output in 78 countries and regions worldwide.

▶ Company Profile



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No.28,South Outer Ring Road,Fifth Industrial Zone,Xiegang Town,Dongguan City,Guangdong,China

The new office and production base in the new government-planned industrial park is more than 5,000 square meters, covering an area of about 8 acres. At present, Leader Technology and Leader Cable are located in the new production base at the same time, which will speed up the coordination and integration of various industries among the group and further enhance the comprehensive competitiveness of the group.

▶ Company History



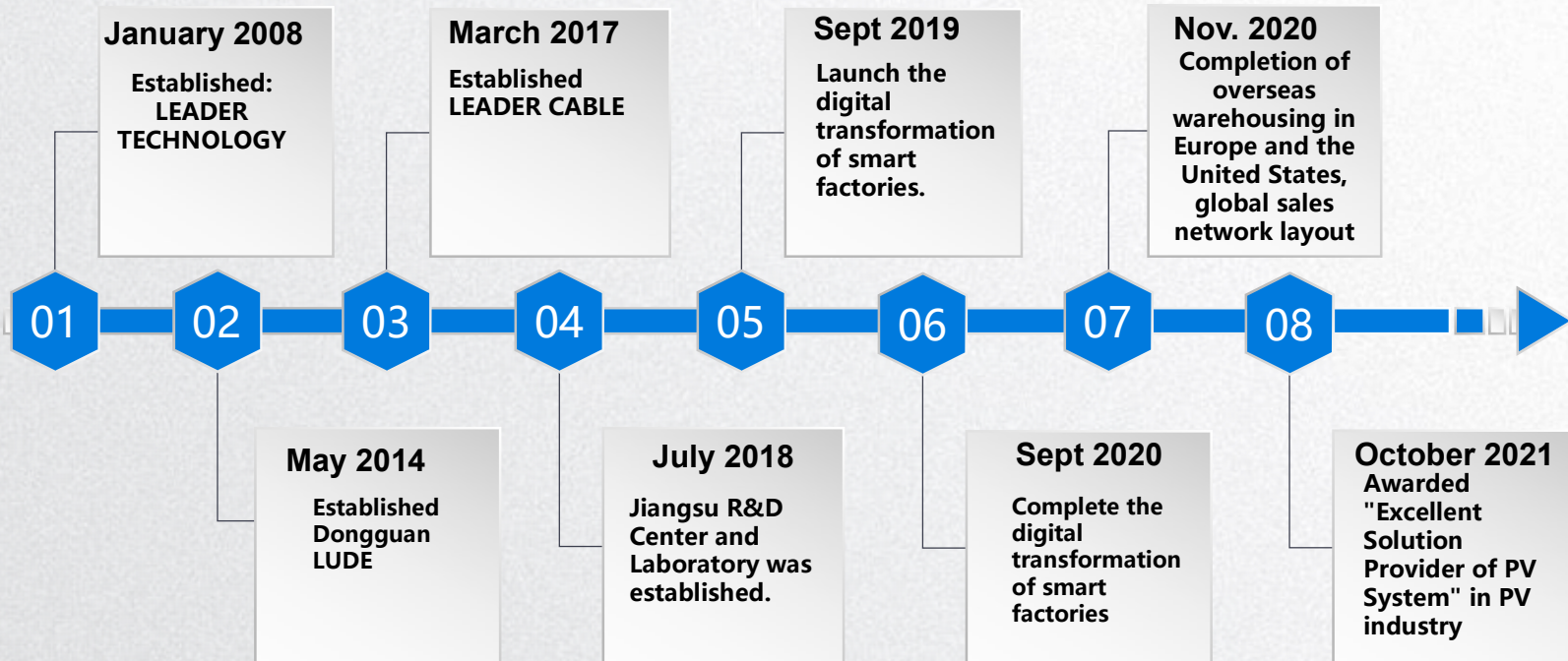
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▶ Corporate Culture

Company Profile

Core Values

Integrity, pragmatism, improvement and innovation



Business Partners

Enterprise Mission

Customer satisfaction, quality first sustainable innovation, the pursuit of excellence



Products

Quality Policy

Advocating green environment and banning all waste substances follow environmental standards, continuous improvement and innovation



Company Honors

Enterprise Spirituality

Inclusive, innovative, green and environmental protection, sustainable development

Innovative R&D

Information Technology Application ERP



Company Profile

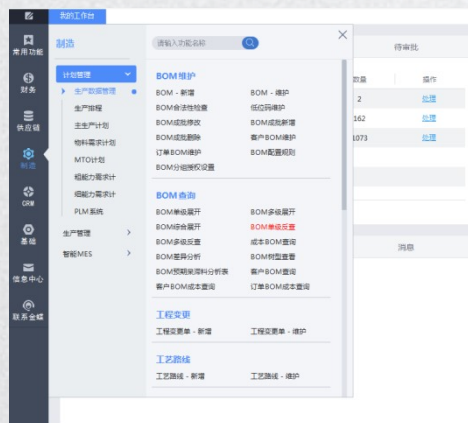
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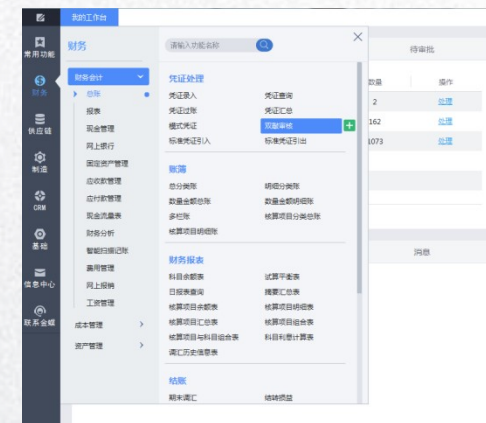
Manufacturing Management System



Supplier Management System



Financial Management System



MES System

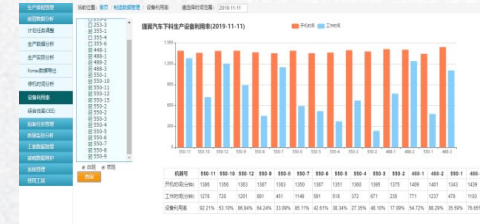


Scheduling System

日期	班次	计划产量	实际产量	完成率	计划工时	实际工时	效率	计划成本	实际成本	成本差异
2019-11-01	白班	1000	950	95%	1000	950	95%	10000	9500	-5000
2019-11-02	白班	1000	1000	100%	1000	1000	100%	10000	10000	0

物料名称	规格	单位	计划产量	实际产量	完成率	计划工时	实际工时	效率	计划成本	实际成本	成本差异
物料A	规格A	个	1000	950	95%	1000	950	95%	10000	9500	-5000
物料B	规格B	个	2000	2000	100%	2000	2000	100%	20000	20000	0

Production and quality data analysis and traceability system



Equipment data analysis and traceability system

设备名称	规格	单位	计划产量	实际产量	完成率	计划工时	实际工时	效率	计划成本	实际成本	成本差异
设备A	规格A	台	1000	950	95%	1000	950	95%	10000	9500	-5000
设备B	规格B	台	2000	2000	100%	2000	2000	100%	20000	20000	0

▶ Company Team

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Innovative R&D

Leadergroup Focus on the field of photovoltaic power generation, constantly improve their own R & D and quality control, optimize the process and management, full participation in quality improvement and efficiency improvement, and strive to be the industry leader to better serve our customers.

In the future we will continue to follow the trend, seize the opportunity, change the concept, pioneer and innovate, nurture people with excellent culture, shape people with mature management, motivate people with advantageous salary, and work together with all colleagues to promote the greater development of "Greentech" and create a new brilliant career development.

Main Business ↘



Organizational Framework



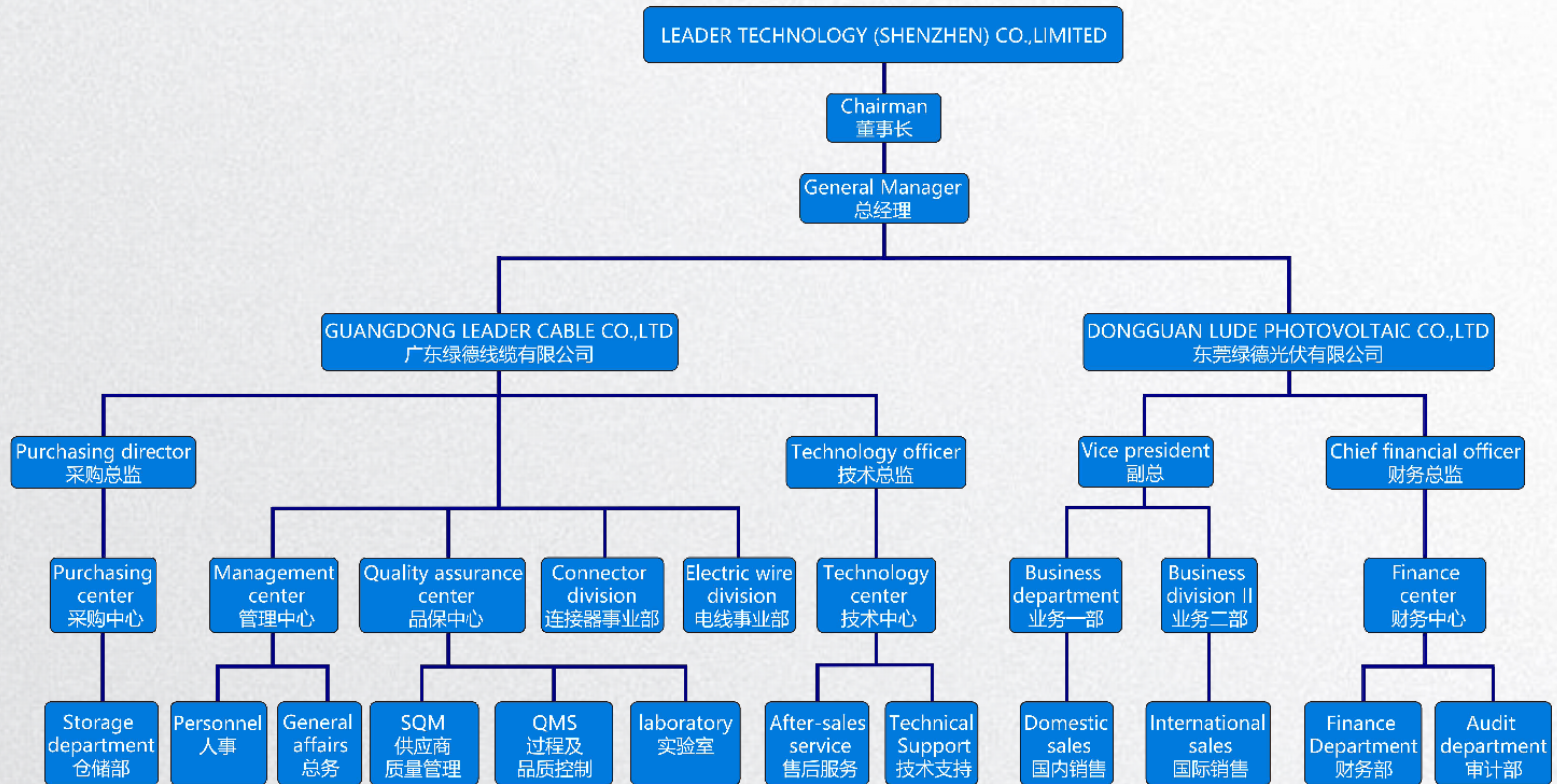
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▶ Workshop

LEADER

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▶ Workshop



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Production Equipment



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<p>全自动压接机(防水塞) Automatic crimping machine (with waterproof plug)</p>	<p>两端自动压接(shirumaya) Two end crimping machine</p>	<p>单端自动压接机 One end crimping machine</p>	<p>色序扫描仪 Color sequence scanner</p>	<p>线束综合测试台(含气密测试) Harness test machine(with air tightness test)</p>	<p>线束综合测试机 Harness test machine</p>		
<p>自动沾锡端子机 Automatic wetting& crimping machine</p>	<p>全自动铆压&穿PIN机 Automatic crimping&terminal insertion HSG machine</p>	<p>半自动端子机 Semi-automatic crimping machine</p>	<p>二次元设备 Size measurement machine</p>	<p>灼热丝测试 Glow-wire test machine</p>	<p>耐久插拔测试机 Durable plug test machine</p>	<p>盐雾试验机 Salt spray test machine</p>	
<p>电脑裁线机 Automatic wire cutting machine</p>	<p>自动束线机 Automatic banding machine</p>	<p>同轴电缆剥线机 Coaxial cable stripping machine</p>	<p>立式注塑机 Automatic molding machine</p>	<p>摇摆测试机 Bending machine</p>	<p>老化试验机 Aging testing machine</p>	<p>欧姆计 Ohmmeter</p>	<p>高斯计 Gauss meter</p>
<p>自动烘烤箱 Automatic baking box</p>	<p>超声波焊机 Ultrasonic welding machine</p>	<p>自动绞线 Automatic twisting wire machine</p>	<p>恒温恒湿测试机 Constant temperature and humidity tester</p>	<p>冷热冲击测试机 Hot and cold shock tester</p>	<p>高压冲击测试机 High pressure impact tester</p>	<p>振动测试机 Vibration testing machine</p>	
<p>RollS 测试仪 RollS test machine</p>	<p>自动拉力计 Pull test machine</p>	<p>端子截面分析仪 Terminal cross section analyzer</p>	<p>2.5D 尺寸测量机 2.5D Size measurement machine</p>	<p>测试电压 Testing power supply</p>	<p>冲压磨具 Stamping abrasive</p>	<p>微电阻测试仪 Microelectrical resistance tester machine</p>	

03

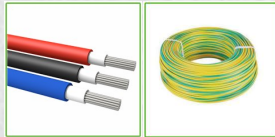
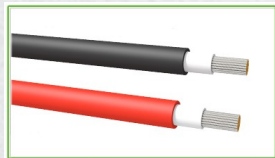


Business Partners

▶ Corporate Clients

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Wire and Cable Customers



▶ Excellent Supplier



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- Cooperation
- Win-Win
- Reliable
- Quality
- Integrity
- Vision

04



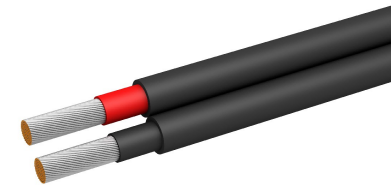
Company Products

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▶ Solar Cable



Solar Cables TUV UL EN 50618 CPR



Solar Cables EN50618 Twin Cables



Solar Cables IEC62930 AD8 RETIE



Solar Cables Armored Direct Burial

► Solar Connectors

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1500V(TUV/CE/RETIE)



1500V(TUV/UL/CE/RETIE)



1000V(CE)



1000V(CE)

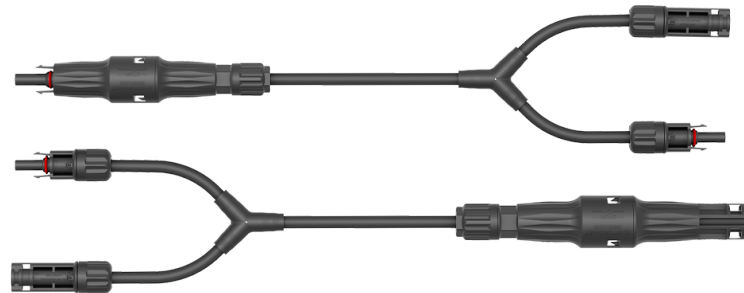
▶ Solar Branch Connector



2-1 T Branch



1500V Inline-Fuse Connector



2-1 Y Branch With Fuse Connector

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▶ Solar Cable Harness



Solar Y branch connector 3 in 1 harness



Solar Y branch connector 4 in 1 harness

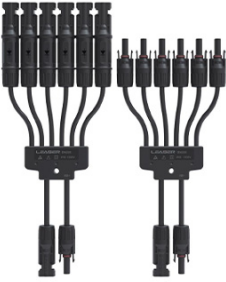


Solar Panel Extension Cable Solar Extension Cables With PV Connectors

▶ Solar Junction Box



BN126T Junction Box



BN006 Junction Box



BN221 Junction Box



BN082TA Junction Box

▶ Storage Connectors



120/150A 1500V



120/150A 1500V



200/250A 1500V



200/250A 1500V

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▶ Our Products Follow The Standard



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Cable Wires: IEC60227-2007、 IEC60502-2005、 GB/T 5023-2008
UL62/UL758、 IEC 60364-5-523 ,IEC62930
JIS C3306
GB-T 3956-1997

Connector : IEC61984、 UL6703A、 EN 50521、 EN 61535
GB 4208、 GB 4706、 GB T 11918、 IEC 60335、
IEC 60664、 IEC 60999、 IEC 61076

06



Company Honors

▶ Group Qualification



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Patent certificate
Invention patents: 4
Utility models: 12 items
Appearance design: 1



Quality Certification
ISO9001:2015
ISO14001:2015
IATF 16946



Certificate Details:
ISO9001:2015
ISO14001:2015
IATF:16949
UL:E313223
UL:E319065
Invention patents: 4
Utility models: 12
Design: 1

Certifications And Patents



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CERTIFICATION EUROPE
KONG KONG

Certificate of Registration

Certificate No.: 10138470Q

This is to Certify that the Quality Management System of
LEADER TECHNOLOGY SHENZHEN CO., LIMITED
FLAT/RM1465B,14/F, THE BELGIAN BANK BUILDING
NOS.721-725 NATHAN RD, MONGKOK KL, HK, CHINA
Has been audited to the following Quality Management System standard:

ISO9001:2015

This system is valid for the
Manufacturing and sales of solar cable, cable harness, solar connector, solar junction box, circuit breakers, surge protection device

Date of issue: Jun. 17, 2022 Date of expiry: Jun. 16, 2025

This certificate will not remain valid only if the certified organization accepts at least one surveillance audit annually within the validity period of the certificate in which the surveillance audit conforming mark is in the designated position on the certificate.

Issued by: **Jansco**

12months 24months

CERTIFICATION EUROPE (KONG KONG) LIMITED WWW.CEE-EE.COM

Environment Management System Certificate

Certificate No.: 2592182048800M

Certify that
Leader Technology (Shenzhen) Co., Ltd
Unified social credit code: 441103122756676092
Add: Shatai Jinhua West Road, Changsha, Hunan, P.R. China
(Zip Code: 410000)

The management system is in conformity with standard
GB/T24001-2016 / ISO14001:2015

SCOPE OF CERTIFICATION
The environmental management activities involved in production of solar photovoltaic cable and connector and sites

In the presence of the audit representative, qualifications who hold license validly subject to operation in accordance with the above certificate is valid for three years on 09/04/2022

Validity of Certificate: Mar 20, 2022 To: Mar 16, 2024
Issue Date: Mar 16, 2022

(The validity of the certificate shall be maintained by the organization through regular supervision audit. Condition requirements for renewal are stated within of Compliance Certificate. Administration of People's Republic of China: http://www.aqsi.gov.cn/; www.aqsi.org.cn. This certificate is valid until Mar 16, 2024)

Hongkong Certification Co., Ltd.
1/F, Plaza Leader, 725 Nathan Road, Mong Kok, Kowloon, Hong Kong

CERTIFICATE
No. B 105361 0001 Rev. 00

Holder of Certificate: **LEADER TECHNOLOGY (SHENZHEN) CO., LIMITED**
1415 15/F, THE BELGIAN BANK BUILDING, NOS.721-725 NATHAN ROAD, MONGKOK, HONG KONG

Production Facility(ies): 09241

Certification Mark:

Product: **Connector (Connector for Photovoltaic System with Fuse Holder)**

Model(s): **SY4P5-16, SY4P7-16, SY4P2-16, SY4P3-16**

Parameters: Rated Voltage: 1000 V d.c.
Rated Current: 30 A
Protection Class: II
Degree of Protection: IP66 (V1, V2)

Tested according to: IEC 60320(4-1)
IEC 62502:2015

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed to the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes on back.

Test report no.: 0420240200407A
Valid until: 2023-07-05

Date: 2019-07-25

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TUV SUD Product Service Group - Certification Body - Heidenstraße 65 - 40509 Mönchengladbach - Germany

CERTIFICATE OF COMPLIANCE

Certificate Number: A-E518009
Report Reference: E518009-20201231
Date: 2021-January-08

Issued to: **LEADER TECHNOLOGY SHENZHEN CO LIMITED**
FLAT/RM 1402B, 14/F, THE BELGIAN BANK BUILDING
NOS.721-725 NATHAN ROAD, MONGKOK, KL, HK

This is to certify that representative samples of

CONNECTORS FOR USE IN PHOTOVOLTAIC SYSTEMS - COMPONENT
See Addendum Page for Product Designation(s).

Have been investigated by UL in accordance with the component requirements in the Standards 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.

Standards for Safety: **UL 6703, Connectors for Use in Photovoltaic Systems**

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

This Certificate of Compliance does not provide authorization to apply the UL Recognized Component Mark. Only the UL Follow-Up Services Procedure 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.

07



Innovative R&D

▶ Innovative R&D

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Laboratory



The group attaches great importance to the quality control of products and the research and development of new technology, invests a lot of money in research and development every year, has obtained excellent results, and applied for a number of patents.

According to the development of science and technology and market demand, the company often exchanges and cooperates with major domestic universities, and has set up a special technical research and development department and a joint experimental center. Through the introduction of technology, create benefits for the enterprise and create value for customers.

▶ Testing Lab



Constant temperature and humidity test, hot and cold shock test, high pressure test, vibration test



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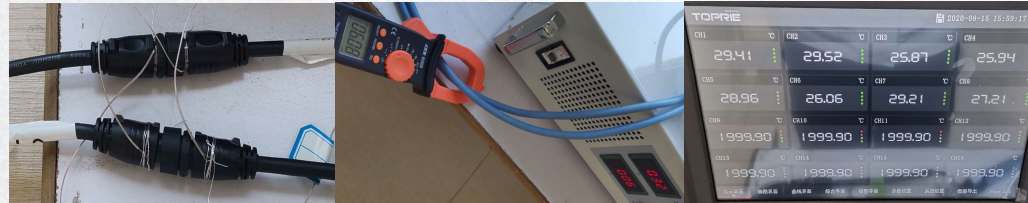
Company Honors

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▶ Product Testing



Size Measurement



Temperature rise test



Connector-to-plug testing



Insulation withstand voltage test



Waterproof test



Tensile test



Contact resistance

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Thanks you!



No.28,South Outer Ring Road,Fifth Industrial Zone,Xiegang Town,Dongguan City,Guangdong,China