

CHNT

正泰鑫辉



# 正泰鑫辉塑胶金属按压防水航空插

CHINT XINHUI PLASTIC-METAL PUSH-BUTTON WATERPROOF AVIATION PLUG

# 扬帆双碳新蓝海 开拓数智新未来

Open a New Blue Ocean for Dual Carbon Goals, Create a New Future for Digital Technology

## 今日正泰

CHINT Today

2200 亿元

年总资产

Total Assets  
USD 30.82 Billion

1850 亿元

年销售收入

Annual Revenue  
USD 25.91 Billion

140+

遍及国家及地区

Business Coverage in  
Countries and Regions

160+ 亿元

利税总额

Total Annual Profit and Tax  
USD 2.2+ Billion

40,000+

全球员工

Global  
Employees

500,000+

产业链带动就业

Employment Opportunities  
Driven by Industrial Chains

500强 

连续20余年上榜

Top China Company  
For over 20 Years

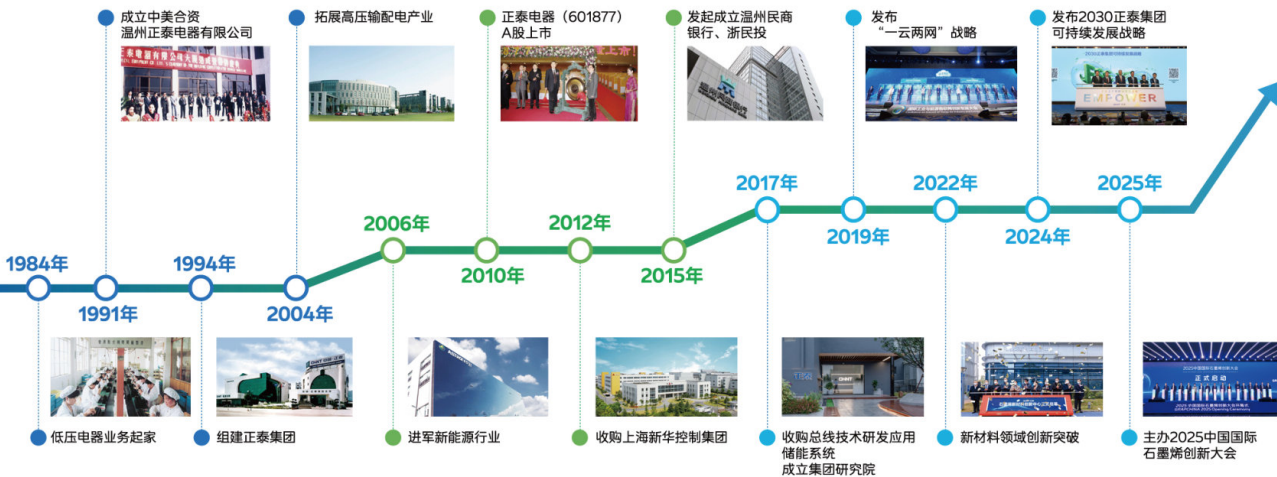
2025.12.31

相关数据统计截止时间:

Data as of

## 发展历程

Development History



坚守实业，整合发展  
1984-2005

绿色能源，智能制造  
2006-2016

构建平台，赋能创新  
2017-至今

# 扬帆双碳新蓝海 开拓数智新未来

Open a New Blue Ocean for Dual Carbon Goals, Create a New Future for Digital Technology

## 新时代、新机遇，正泰构筑“3+2”产业发展新动能

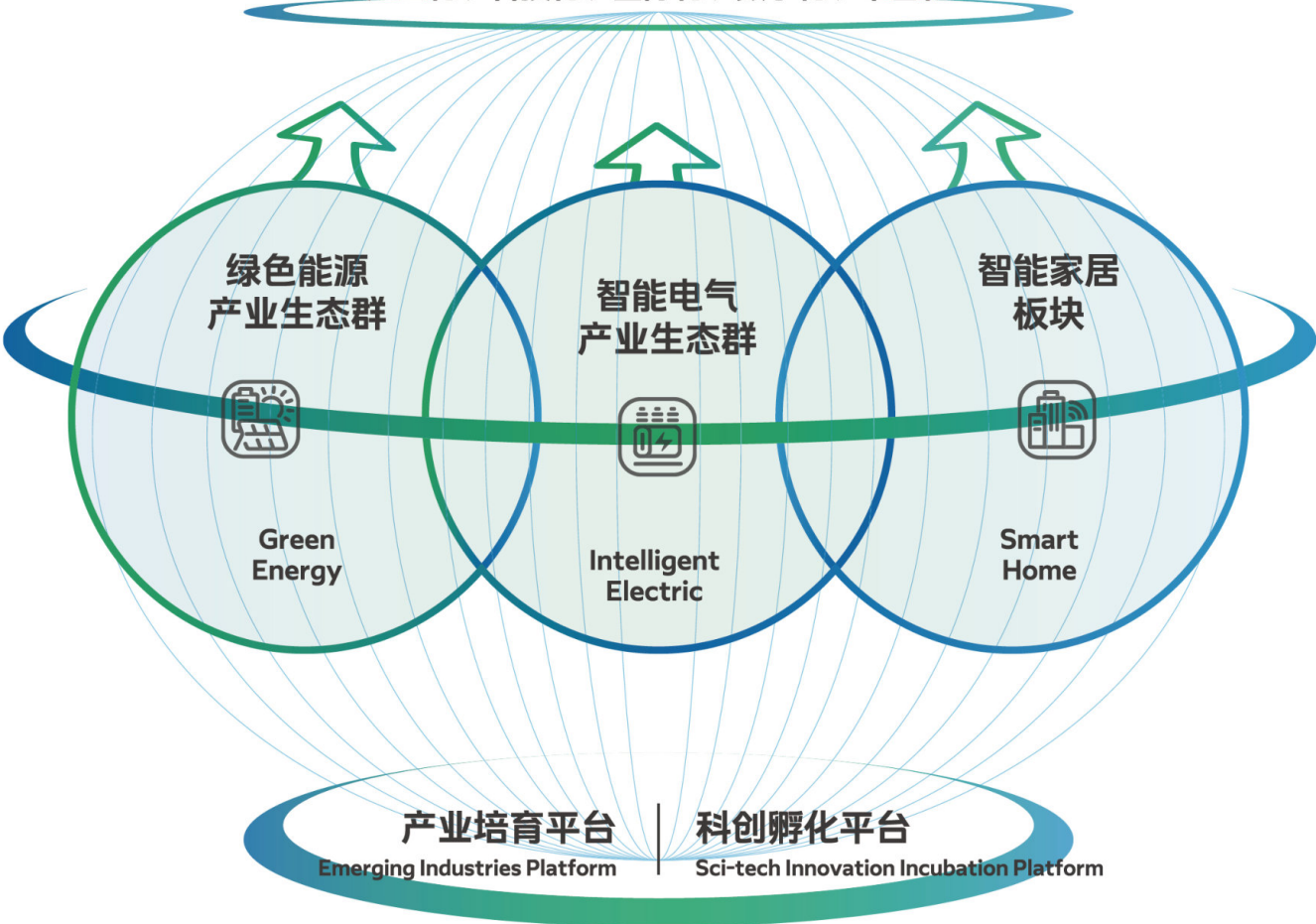
New Era, New Opportunities, CHINT Build a New Momentum for the Development of the "3+2" Industry

正泰始终扎根实业、创新驱动发展，深入践行“产业化、科技化、国际化、数字化、平台化”战略举措，构建起“3+2”产业创新发展格局——即绿色能源产业生态群、智能电气产业生态群、智能家居板块三大核心产业，以及产业培育、科创孵化两大平台，成为倍受信任的电力能源综合解决方案服务商。

CHINT has consistently focused on diligent industrial pursuit and brand innovation. Embracing strategic imperatives such as industrialization, technological advancement, global expansion, digitization, and platform development, the company has strategically positioned itself across three key sectors: “Green Energy”, “Intelligent Electrical Solutions”, and “Smart Home”, along with two pivotal platforms, Emerging Industries and Sci-Tech Innovation Incubation.

## 正泰构筑3+2产业创新发展格局

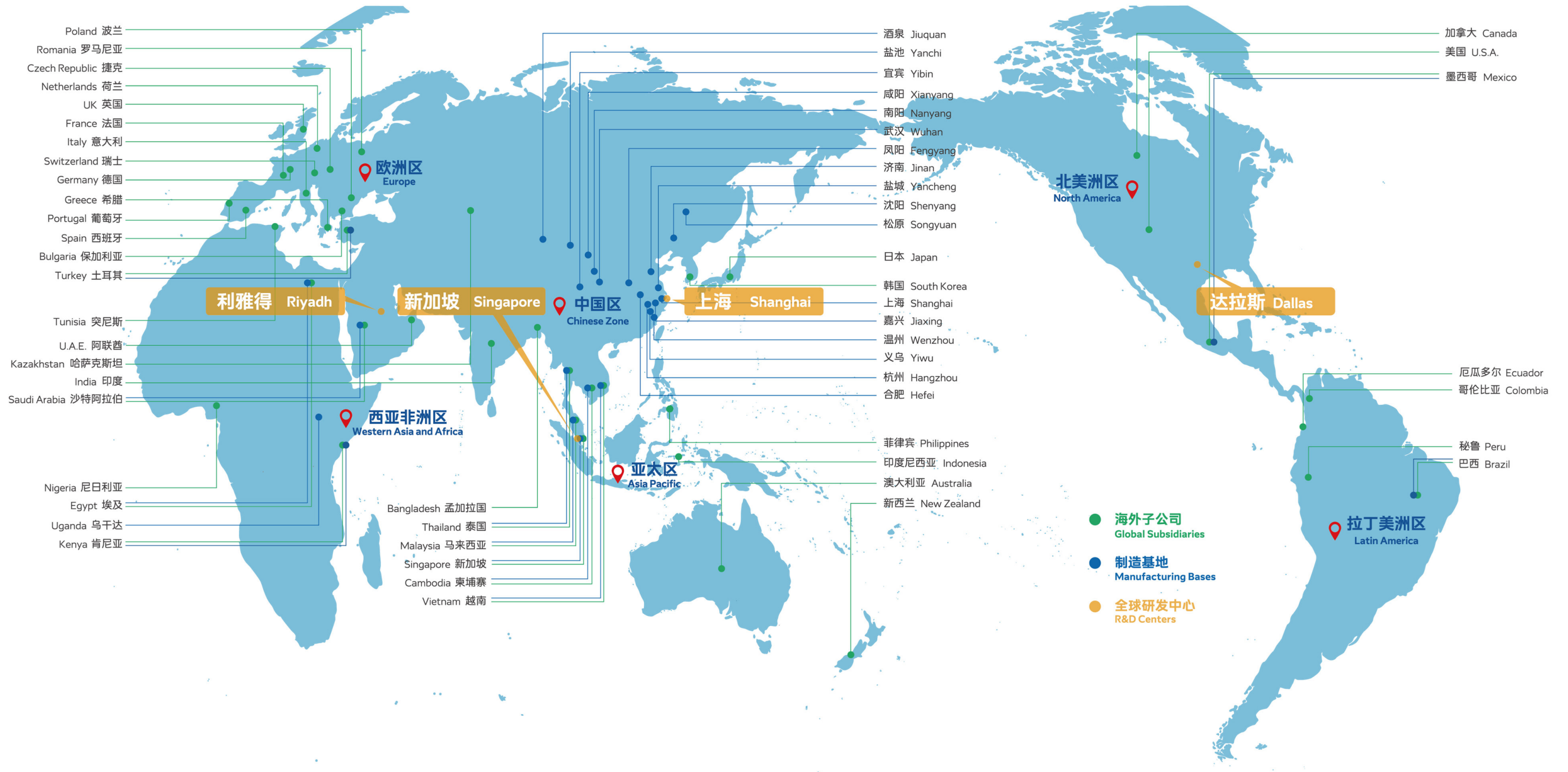
产业化、科技化、国际化、数字化、平台化



## Open a New Blue Ocean for Dual Carbon Goals, Create a New Future for Digital Technology

Based In China, Providing Services Worldwide

**2300+** 全球经销商  
Global Distributors



## 正泰鑫辉概述

CHINT XINHUI OVERVIEW

### 正泰鑫辉介绍

CHINT XINHUI INTRODUCTION

浙江正泰鑫辉光伏有限公司成立于2023年3月，是专业从事工业连接系统的研发、生产、销售和服的科技型企业，是工业连接系统解决方案提供商

- 获评国家高新技术企业、浙江省专精特新中小企业、浙江省科技型中小企业等
- 现有厂房13000平方米，日产接线盒、连接器、优化器等超20万套
- 全部产品通过TUV、UL、PCCC、产品碳足迹等国内外专业认证，其中光伏接线盒荣获中国专利保护协会2025年绿色技术创新案例

Zhejiang chint Xinhui Photovoltaic Co., Ltd., established in March 2023, is a technology enterprise specializing in the R&D, production, sales and after-sales service of industrial connection systems, as well as a full-scope solution provider for industrial connectivity.

- Accredited as a National High-Tech Enterprise, Zhejiang Provincial Specialized, Refined, Unique and Innovative (SRDI) Small and Medium-sized Enterprise, and Zhejiang Provincial Technology-based SME, among other credentials.
- Operates a 13,000 m<sup>2</sup> production base with a daily output exceeding 200,000 sets of PV junction boxes, connectors, power optimizers and related products.
- All products have obtained domestic and international professional certifications including TÜV, UL, PCCC and Product Carbon Footprint (PCF) accreditation. Notably, its PV junction boxes were selected as 2025 Green Technology Innovation Cases by the China Patent Protection Association (CPPA).

### 数说正泰鑫辉

DATA-DRIVEN INSIGHTS INTO CHINT XINHUI

41年+

深耕电器连接领域  
EXPERTISE IN ELECTRICAL  
CONNECTION SYSTEMS

16年+

光伏连接经验  
EXPERIENCE IN PHOTOVOLTAIC  
CONNECTIVITY

20万套+

日产能  
DAY PRODUCTION CAPACITY

36项发明专利+

23项授权/13项公开实审  
23 GRANTED /13 UNDER SUBSTANTIVE  
EXAMINATION

6项标准+

3项国标/2项行标11项团标，参编  
3 NATIONAL STANDARDS/  
2 INDUSTRY STANDARDS/  
1 ASSOCIATION(CO-EDIOR)

2所+

温州、上海研究院  
LOCATED IN WENZHOU AND SHANGHAI

## 正泰鑫辉概述

CHINT XINHUI OVERVIEW

### 正泰鑫辉文化理念

CHINT XINHUI CORPORATE CULTURE

企业愿景：连接系统解决方案提供商

核心价值观：以客户为中心，创新、协作、正直、谦学、担当

企业使命：让连接更安全高效

我们坚持正泰集团“以人为本、价值分享”文化不动摇，秉承“以客户为中心，创新、谦学、正直、协作、担当”为核心价值观，以“为客户创造价值，为员工谋求发展，为社会承担责任”为经营理念，践行“让工业连接更安全高效”的使命，致力于成为优秀的“工业连接系统解决方案提供商”，与国内外合作伙伴及产业链上下游实现价值共享，构筑发展共同体。

Vision: A premier provider of connectivity system solutions.

Core Values: Customer-centricity, Innovation, Collaboration, Integrity, Humility in Learning, and Accountability.

Mission: To make every connection safer and more efficient.

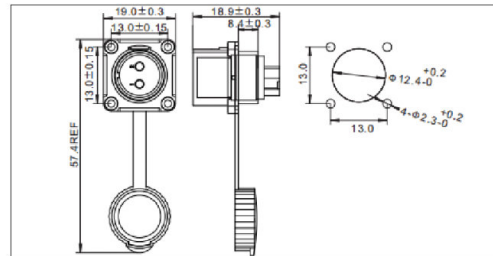
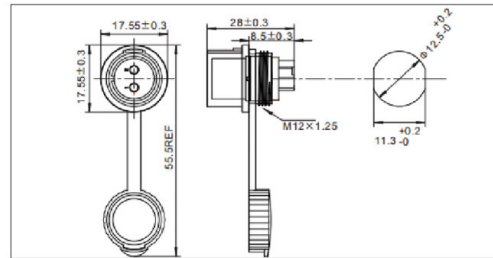
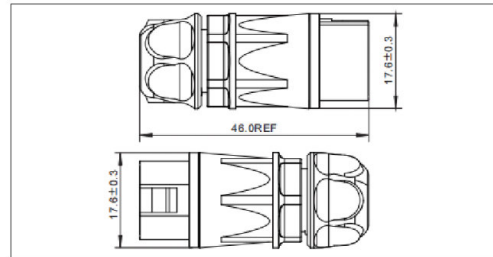
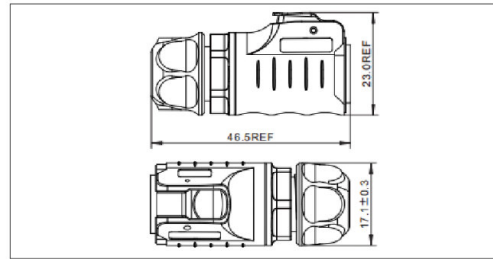
We remain steadfast in upholding CHINT Group's culture of “People First, Value Sharing.” Guided by our core values—placing the customer at the center while championing innovation, humility in learning, integrity, collaboration, and accountability—we operate on the philosophy of “Creating value for customers, fostering growth for employees, and embracing social responsibility.”

Committed to our mission of making industrial connections safer and more efficient, we strive to be a leading Industrial Connectivity System Solution Provider. We aim to achieve shared value and build a community of common development together with our global partners across the industrial chain.

塑料航空插目录型号

| H    | SD                                              | 13                                                                                                            | PL                                                                                                                                                                                                                                                        | P            | 1                                                                                                                                                                                                                                             | 0.75/18                                                                                                                                        | 3-4                                                                                                                                                                                                                                                                                                                                               |
|------|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 正泰鑫辉 | 产品工艺                                            | 开孔尺寸                                                                                                          | 产品类型                                                                                                                                                                                                                                                      | 接触件种类        | 芯数                                                                                                                                                                                                                                            | 线规                                                                                                                                             | 电缆直径mm                                                                                                                                                                                                                                                                                                                                            |
|      | SD：塑料壳防水航空插<br>LD：螺丝压接塑料防水航空插<br>LP：塑胶金属按压防水航空插 | 11：11mm 12：12mm<br>13：13mm 16：16mm<br>17：7mm 20：20mm<br>21：21mm 24：24mm<br>25：25mm 28：28mm<br>29：29mm 32：32mm | PL：电缆插头<br>SK：对接插座<br>HN：后螺母<br>FLS：法兰插座<br>QN：前螺母<br>AP：弯式插头<br>SS：螺丝插座<br>FS：方形插座<br>DT：直式对接带电缆紧固插座<br>TC：直式带电缆紧固插头<br>WX：弯式带电缆防折弯插头<br>WH：弯式带软管接头插头<br>ZX：直式带电缆防折弯插头<br>TH：直式带软管接头插头<br>WC：弯式带电缆紧固插头<br>WS：直式对接带电缆防折弯插座<br>TS：直式对接带软管接头插座<br>ST：单孔直式插座 | P：插针<br>S：插孔 | 1：1芯 2：2芯<br>2B：2B芯 3：3芯<br>3B：3B芯 4：4芯<br>4B：4B芯 5：5芯<br>5B：5B芯 5C：5C芯<br>6：6芯 6B：6B芯<br>7：7芯 8：8芯<br>8B：8B芯 9：9芯<br>10：10芯 10B：10B芯<br>11：11芯 12：12芯<br>12B：12B芯 14：14芯<br>15：15芯 16：16芯<br>17：17芯 19：19芯<br>20：20芯 24：24芯<br>26：26芯 35：35芯 | 0.75/18<br>0.5/20<br>1.5/16<br>0.4/21<br>4/12<br>16/5<br>10/7<br>1.5/14<br>6/10<br>3/12<br>2.5/13<br>2/14<br>0.34/0.5<br>1/1.5<br>2.5/4<br>6/8 | 3-4：3-4mm<br>4-6.5：4-6.5mm<br>5-8：5-8mm<br>6-10：6-10mm<br>4.5-7：4.5-7mm<br>7-12：7-12mm<br>5-9：5-9mm<br>10-14：10-14mm<br>7-12：7-12mm<br>9-13：9-13mm<br>13-16：13-16mm<br>8-12：8-12mm<br>3.5-4.5：3.5-4.5mm<br>3-5：3-5mm<br>5-7：5-7mm<br>5-6.5：5-6.5mm<br>6.5-8.5：6.5-8.5mm<br>8.5-10：8.5-10mm<br>10-12：10-12mm<br>7-10.5：7-10.5mm<br>10.5-14：10-14mm |

## HLP 12系列 HLP 12 Series

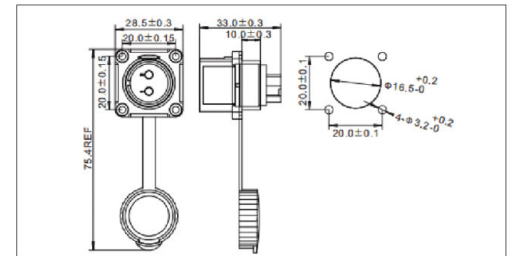
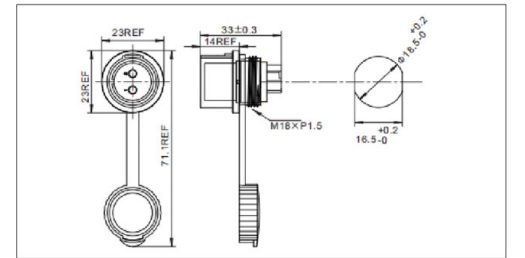
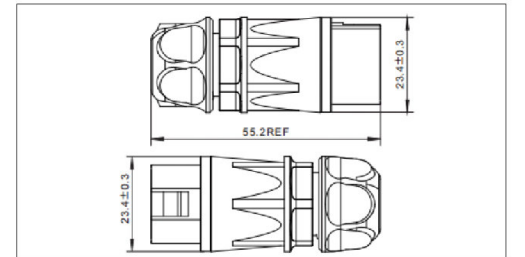
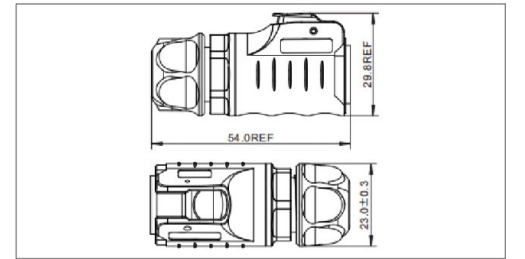


## 螺丝压接芯件参数

### Screw contact spec

|                                |                                    |                               |
|--------------------------------|------------------------------------|-------------------------------|
| HLP12<br>电源信号/Power and Signal | 产品系列/Product Series                | HLP-12                        |
|                                | 芯数/Number of Contacts              | 2芯/2 Pins                     |
|                                | 额定电流(A)/Rated Current              | 5                             |
|                                | 额定电压(V)/Rated Voltage              | 125                           |
|                                | 适用线径(mm)/Applicable Cable Diameter | Φ3.5~Φ4.5                     |
|                                | 接线规格/Wire Gauge                    | 0.34~0.5mm²/22~20AWG          |
|                                | 防护等级/Protection Degree             | 连接状态 IP 68/ IP68 (when mated) |
|                                | 接线类型/Termination Type              | 螺丝压接/Screw Terminal           |

HLP 16系列 HLP 16 Series



## 螺丝压接芯件参数

### Screw contact spec

|                                |                                    |                               |           |           |                          |
|--------------------------------|------------------------------------|-------------------------------|-----------|-----------|--------------------------|
| HLP16<br>电源信号/Power and Signal | 产品系列/Product Series                | HLP-16                        |           |           |                          |
|                                | 芯数/Number of Contacts              | 2芯/2 Pins                     | 3芯/3 Pins | 4芯/4 Pins | 5芯/5 Pins                |
|                                | 额定电流(A)/Rated Current              | 10                            | 10        | 5         | 5                        |
|                                | 额定电压(V)/Rated Voltage              | 400                           | 400       | 400       | 250                      |
|                                | 适用线径(mm)/Applicable Cable Diameter | Φ3.0~Φ5.0                     | Φ5.0~Φ7.0 | Φ7.0~Φ9.0 | (可选配)                    |
|                                | 接线规格/Wire Gauge                    | 1.0~1.5mm²/18~16AWG           |           |           | 0.34~0.5mm²/<br>22~20AWG |
|                                | 防护等级/Protection Degree             | 连接状态 IP 68/ IP68 (when mated) |           |           |                          |
|                                | 接线类型/Termination Type              | 螺丝压接/Screw Terminal           |           |           |                          |
|                                |                                    |                               |           |           |                          |

HLP 20系列 HLP 20 Series

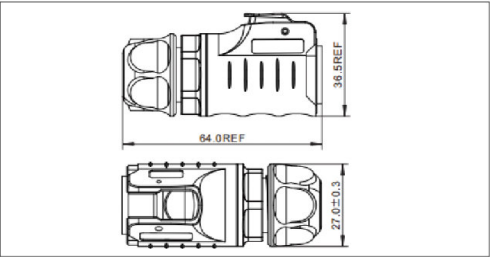


HLP20XX A/P    HLP20XX A/S

插针 Male contact    电缆直径 Cable outer diameter range

芯数 Number of contact    插孔 Female contact

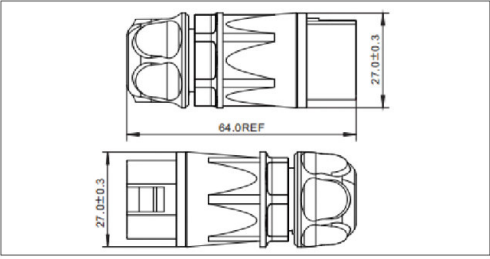
电缆插头  
与HLP20XX相配  
Cable connector  
Mate with HLP20XX.





HLP20XX A/P    HLP20XX A/S

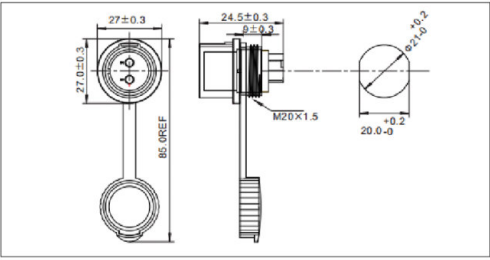
电缆对接插座  
与HLP20XX相配  
In-line cable connector  
Mate with HLP20XX





HLP20XX/P    HLP20XX/S

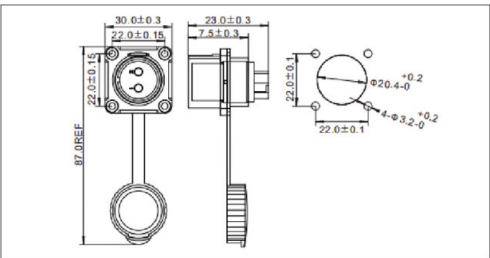
单孔直式插座  
与HLP20XX相配  
Single Hole Straight socket  
Mate with HLP20XX





HLP20XX/P    HLP20XX/S

四孔法兰插座  
与HLP20XX相配  
Four-Hole flange socket  
Mate with HLP20XX



螺丝压接芯件参数

Screw contact spec

| HLP20<br>电源信号/Power and Signal | 产品系列/Product Series                | HLP-20                        |           |           |                         |
|--------------------------------|------------------------------------|-------------------------------|-----------|-----------|-------------------------|
|                                | 芯数/Number of Contacts              | 2芯/2 Pins                     | 3芯/3 Pins | 4芯/4 Pins | 5芯/5 Pins               |
|                                | 额定电流(A)/Rated Current              | 25                            | 25        | 25        | 10                      |
|                                | 额定电压(V)/Rated Voltage              | 500                           | 500       | 500       | 500                     |
|                                | 适用线径(mm)/Applicable Cable Diameter | Φ5.0~Φ6.5                     | Φ6.5~Φ8.5 | Φ8.5~Φ9.0 | (可选配)                   |
|                                | 接线规格/Wire Gauge                    | 2.5~4.0mm²/14~12AWG           |           |           | 1.0~1.5mm²/<br>18~16AWG |
|                                | 防护等级/Protection Degree             | 连接状态 IP 68/ IP68 (when mated) |           |           |                         |
|                                | 接线类型/Termination Type              | 螺丝压接/Screw Terminal           |           |           |                         |
|                                |                                    |                               |           |           |                         |

HLP 24系列 HLP 24 Series

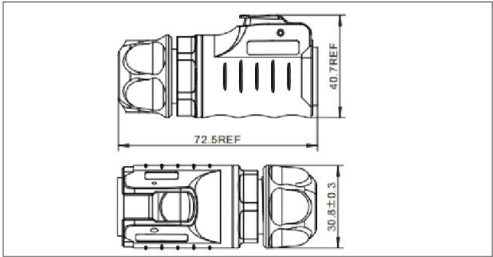


HLP24XX A/P    HLP24XX A/S

插针 Male contact    电缆直径 Cable outer diameter range

芯数 Number of contact    插孔 Female contact

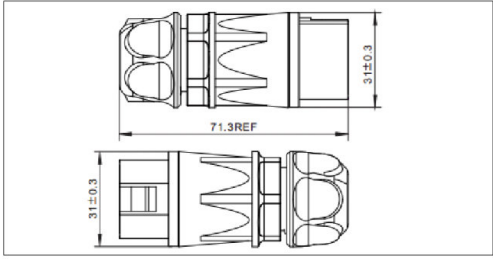
电缆插头  
与HLP24XX相配  
Cable connector  
Mate with HLP24XX





HLP24XX A/P    HLP24XX A/S

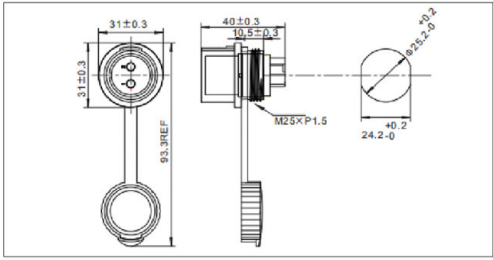
电缆对接插座  
与HLP24XX相配  
In-line cable connector  
Mate with HLP24XX





HLP24XX/P    HLP24XX/S

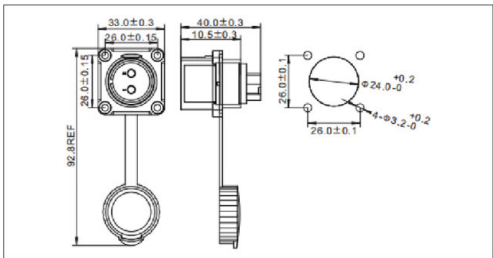
单孔直式插座  
与HLP24XX相配  
Single Hole Straight socket  
Mate with HLP24XX





HLP24XX/P    HLP24XX/S

四孔法兰插座  
与HLP24XX相配  
Four-Hole flange socket  
Mate with HLP24XX



螺丝压接芯件参数

Screw contact spec

| HLP24<br>电源信号/Power and Signal | 产品系列/Product Series                | HLP-24                        |                        |                         |                      |
|--------------------------------|------------------------------------|-------------------------------|------------------------|-------------------------|----------------------|
|                                | 芯数/Number of Contacts              | 2/3/4芯 / 2/3/4 Pins           |                        | 5/6芯 / 5/6 Pins         |                      |
|                                | 额定电流(A)/Rated Current              | 25                            | 30                     | 10                      | 10                   |
|                                | 额定电压(V)/Rated Voltage              | 500                           | 500                    | 500                     | 300                  |
|                                | 适用线径(mm)/Applicable Cable Diameter | Φ5.0~Φ7.0                     | Φ7.0~Φ10.5             | Φ10.5~Φ14.0             | (可选配)                |
|                                | 接线规格/Wire Gauge                    | 2.5~4.0mm²/<br>14~12AWG       | 6.0~8.0mm²/<br>10~8AWG | 2.5~4.0mm²/<br>14~12AWG | 6.0~8.0mm²/<br>10~8A |
|                                | 防护等级/Protection Degree             | 连接状态 IP 68/ IP68 (when mated) |                        |                         |                      |
|                                | 接线类型/Termination Type              | 螺丝压接/Screw Terminal           |                        |                         |                      |
|                                |                                    |                               |                        |                         |                      |

CHNT

正泰鑫辉

绿色互联世界

创新共享价值

浙江正泰鑫辉光伏有限公司  
ZHEJIANG CHINT XINHUI PV CO., LTD.



<http://www.chintxhpn.com>



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