

# YGC GLOBALIZATION INTRODUCTION



# Content



## **Company Profile**



## **Thailand Footprint**



## **Focused Products**



## **Global Partnership**

# Our Company

Yonggui Company (“YGC”) is a **high-tech enterprise** with 51 years expertise focused on the research and development, manufacturing, sales and technical support of connectors, connector systems and smart precision products. It was listed on **Shenzhen Stock Exchange** in September 2012. The products are distributed in the three major fields of **new energy and vehicle (51%)**, **railway and industrial (44%)**, **special market (5%)**.

Yonggui has **668 national patents**, and has obtained ISO 9001, ISO/TS 22163, CRCC, ETL, UL and IATF16949 certifications.



## Market Value

¥7,343M (\$1.02B)



## 2023 total sales

¥ 1,933M (\$268M)



## Consolidated sales

¥ 1,518M (\$211M)



## Employee

~2362 (32% engineers)

\*market value at 2024/12/6; USD/CNY = 7.2

# 50+ Years History of Entrepreneurship

## World-Class Interconnect Supplier

**1973**

Foundation

**1979**

Build 1st  
connector

**2008**

Sichuan  
Yonggui Set up

**2009**

High speed  
train entry

**2012**

IPO; Enter new  
energy market



**2014**

Special  
market entry

**2017**

JV with  
Toyo (Japan)



**2018**

Yonggui Group  
establishment

**2019+**

Business  
transforming  
to new energy  
focus

**2023**

Globalization

**2024**

Singapore  
office &  
Thailand  
plant set up



# Interconnect Solutions for Key Market Trends

## New Energy

Electric vehicles; private charge & public charging; energy storage; wind power



## Industrial

Railway, telecom & data center, off road, industry 4.0



## Special Segments

Oil & gas, nuclear power plant, civil marine & aviation, eVTOL



# Our Customers Around Global

## China



## Rest of APAC



## Europe



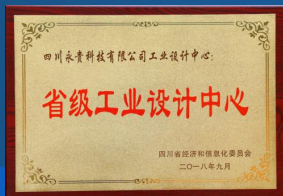
## America



# Industrial & Customer Awards



National IP Demonstration Company



State Industrial design center



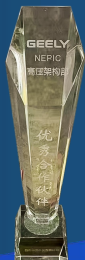
National High tech company



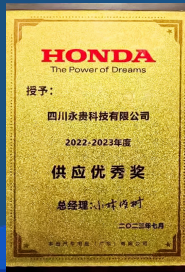
State Enterprise technology center



CRRC Best Supplier Award



GEELY Outstanding Partner Award



HONDA Best Supplier Award



CRRC Outstanding Contribution Supplier Award



SANY Best Supplier Award



Dongfang Electric Best Supplier Award



Changan Electrification Contribution Award



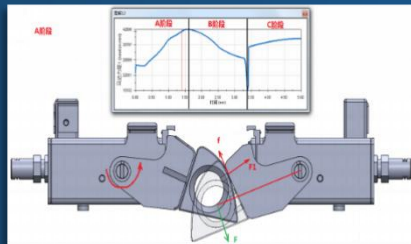
VTour Outstanding Partner Award



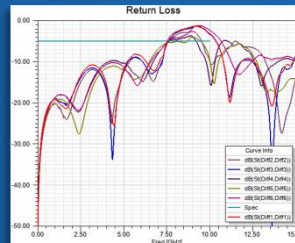
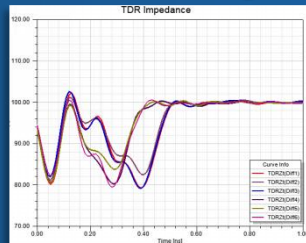


# Engineering Simulation & Analysis Capability

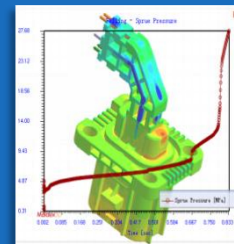
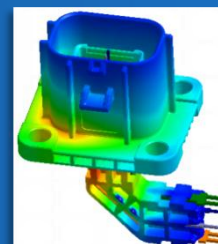
## Structure Strength



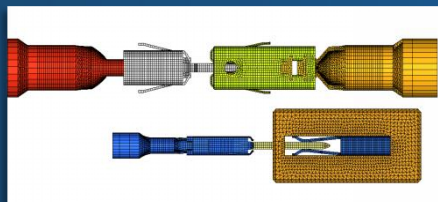
## Signal Integrity



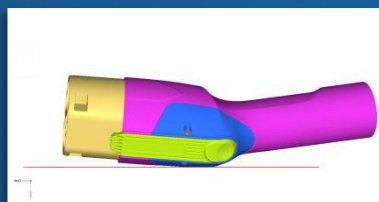
## Mold Flow



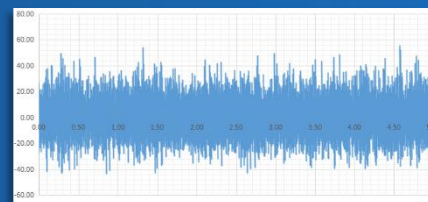
## Thermal Analysis



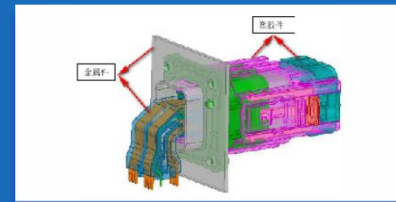
## Drop Test



## Transient Simulation



## EMC



# Test Center

- CNAS Certification (ISO/IEC 17025)
- 200+ Testers / Chambers
- Full Test Ability for Connectors



# Patents

**668** patents authorized

**119** Invention patents

**518** utility model patents

**31** appearance patents





# Core Technologies

Ring Spring Component



Ring Spring



Crown Spring Component



Crown Spring



Pawl Spring Component



Pawl Spring



Hyperboloid Component



Twist Needle



Stamping Hi-Current Contact



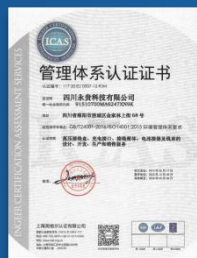
Fiber Optic Connect



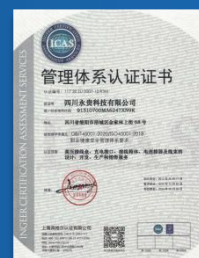
# Quality Systems



IATF16949



ISO14001



ISO45001



ISO9001



ISO/IEC17025



GB/T29490



EN15085



QC080000



ISO/TS22163 (IRIS)

# Manufacturing Capability

VI model for quick response, quality improve & cost control

**Injection Molding: 80M+ pcs**



**Precision Machining: 70M+ pcs**



**Plating Workshop: 500M+ pcs**



**Stamping: 50M+ pcs**



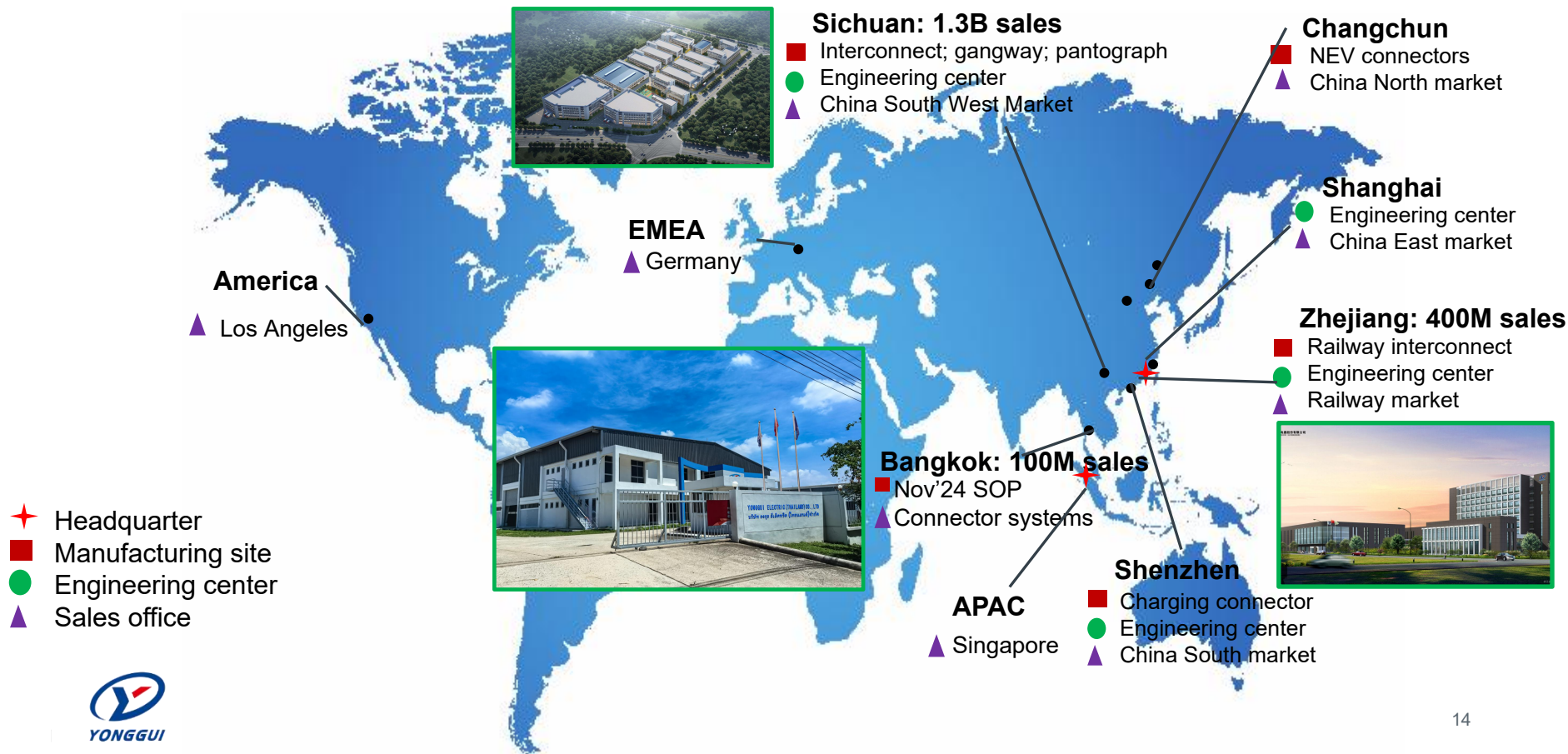
**Die casting: 2M+ pcs**



**Assembly: 75M+ pcs**



# Globalizing Sales & Operation Footprint







บริษัท ยงกวย อิเล็กทริก (ไทยแลนด์) จำกัด  
YONGGUI ELECTRIC (THAILAND) CO., LTD.



# Accelerated Globalization

**2008**

Global projects  
participation

**2012**

JV with Toyo  
Denki; JV with  
BODE (divested)

**2023.4**

Globalization  
Strategy

**2023.5**

Global  
business  
division

**2023.12**

Global sales  
channel  
established



**2024.2**

“Zhenghe”  
Project Kick  
off



**2024.3**

Facility confirm  
Registration



**2024.7**

Plant hand over



**2024.11**

Plant SOP



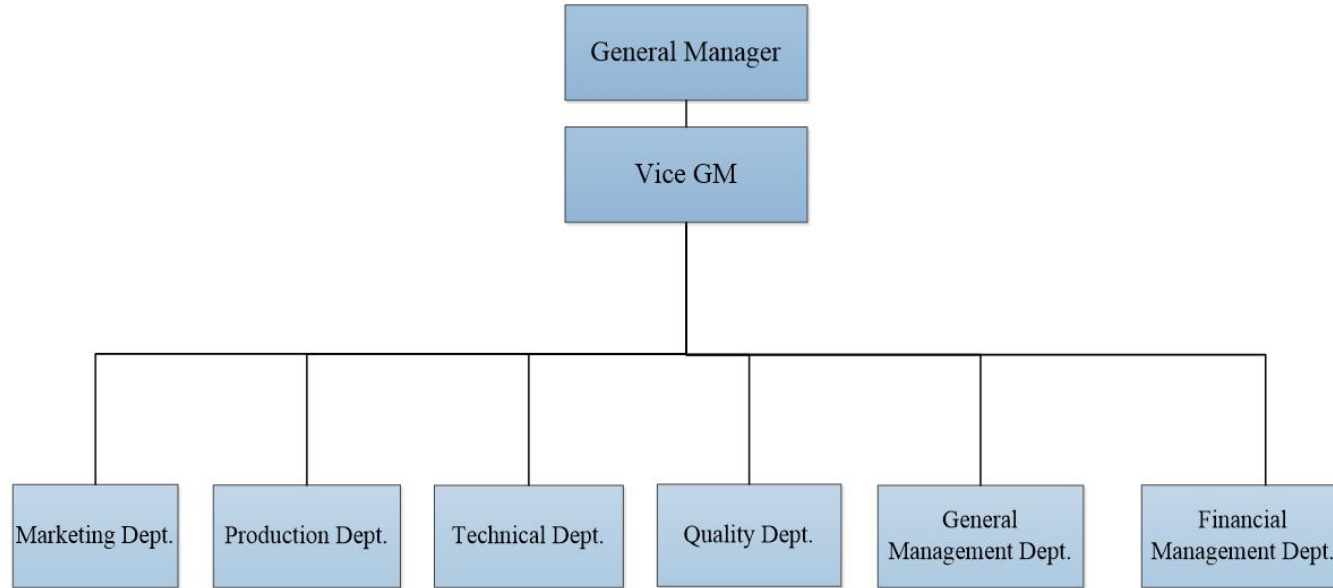
**2025**

Deeper  
localization



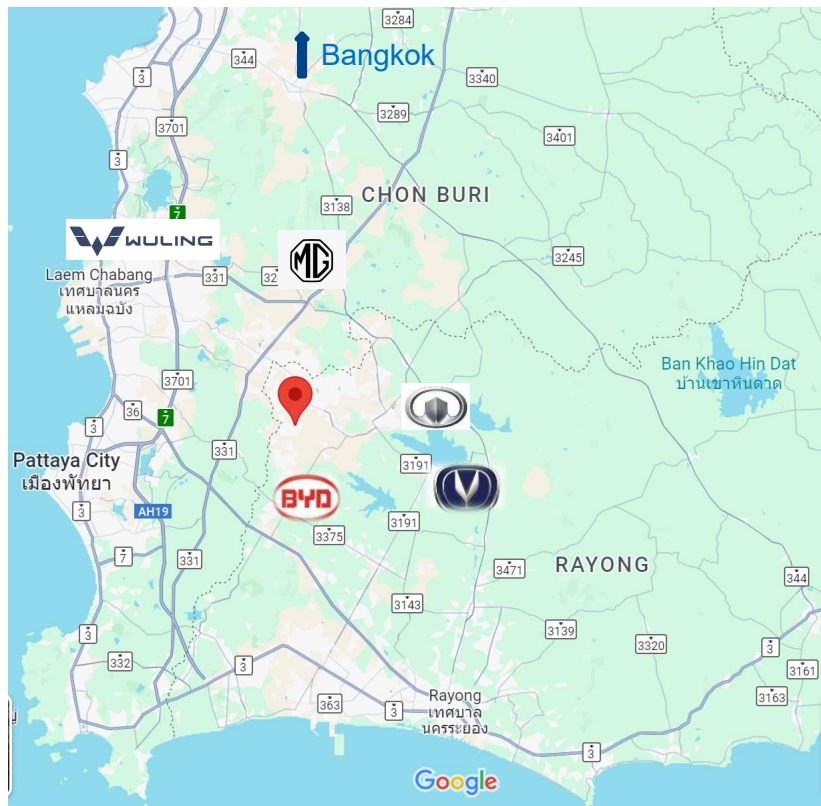


# Plant Organization



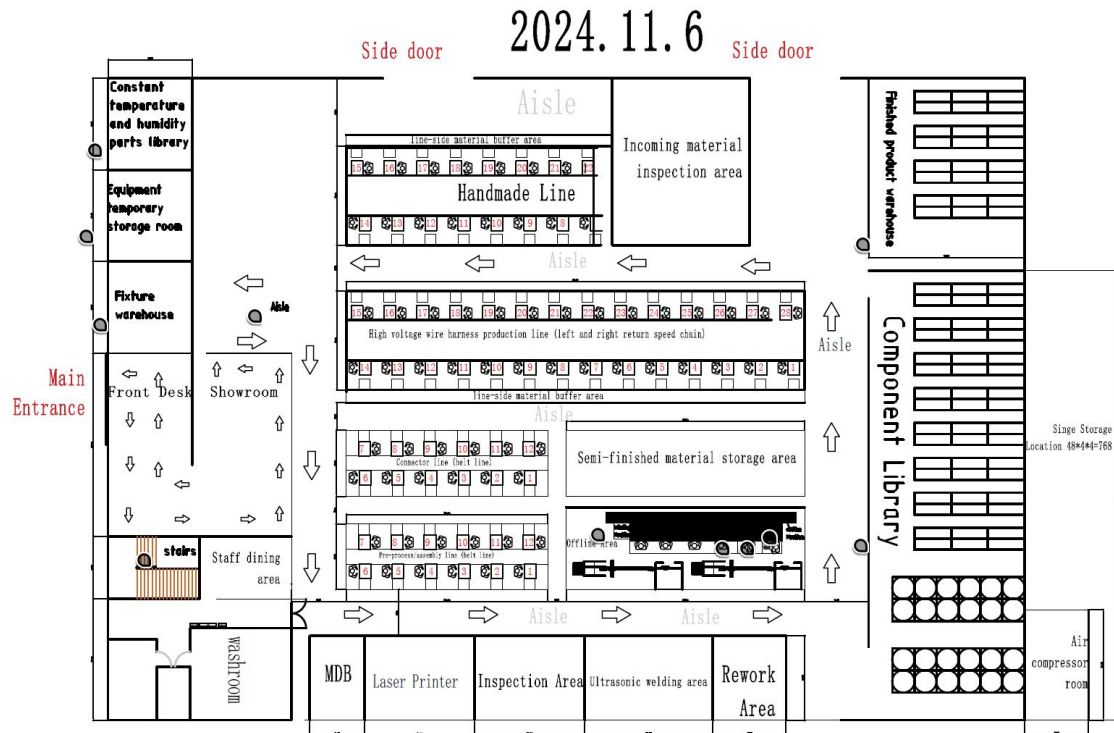
Ramping up; ~30 employees

# Plant Location



- **YONGGUI ELECTRIC (THAILAND) CO., LTD.**  
Address: 7/226 Moo 6, Soi Phonprapha (Amata City Rayong Industrial Estate), Mabyangporn Sub-District, Pluak Daeng District, Rayong Province 21140
- Close to port & customers for lean manufacturing
- YGC manufacturing hub to global market

# Plant Layout



- 2K sqm production ; 5K sqm whole plant
- 3 production lines + preparation process

# Focused Products – NEV High Voltage Connectors

batteries/motors high current connectors



wire harness



OBC low current connector



MSD



PDU/BDU/junction box



compressor/PTC connector



vehicle-mounted discharge panel



# Focused Products – Charging Connectors

Inlet, sockets & accessories



DC Charger



AC Charger



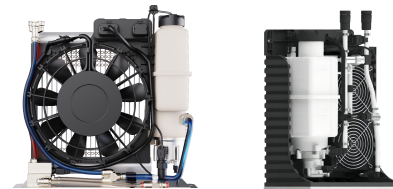
Mode 2 charger with control box



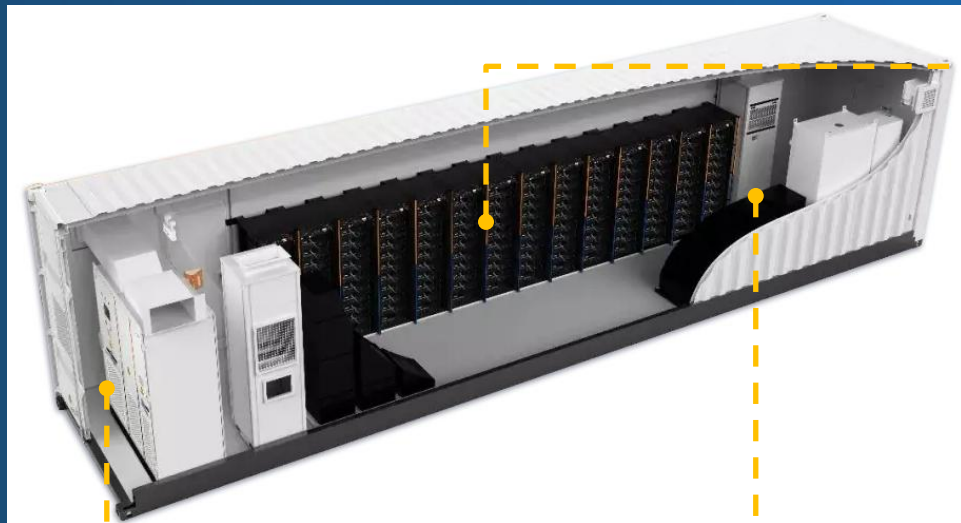
Discharge series



Liquid cooling integrated system



# Focused Products – Energy Storage Connectors



Cell Pack & BMS



EMS



PCS

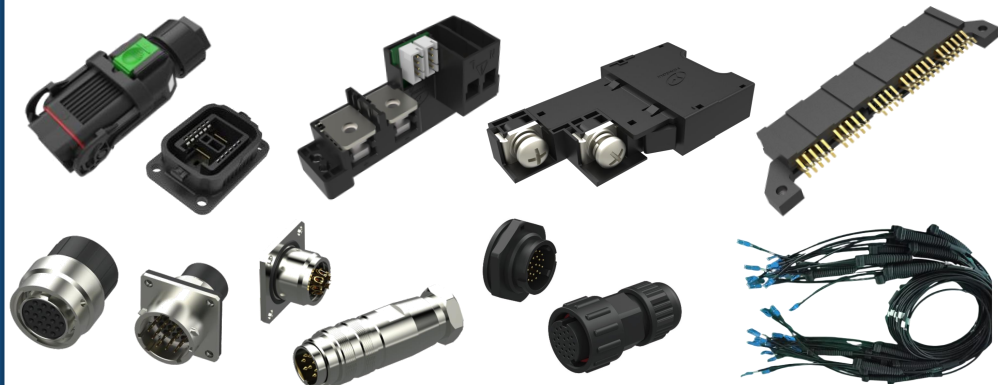




# Focused Products – Telecom Connectors



Communication power connector & optical fiber wire harness



# Focused Products – Railway Connectors

Electric coupler, integrated vehicle end connector



Control, high-low voltage, signal vehicle end connector



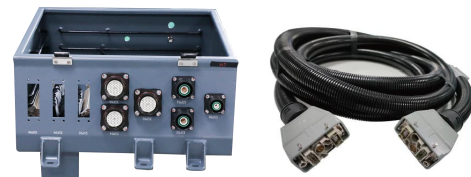
Control, network, division console connector



Control, network, AC connector



Integrated cabinet & Jumpers



# Global Partnership



# Our Culture

## » Vision



**World class inter-connect supplier**

## » Mission



**Technology connection to future**

## » Core Value



**Diligence & cooperation**

***YONGGUI***

CONNECTION TO FUTURE

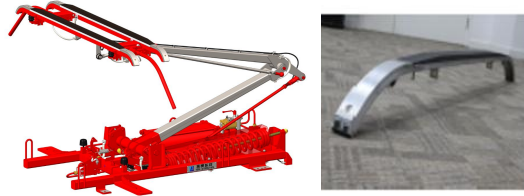


# Products – Railway Connection Systems

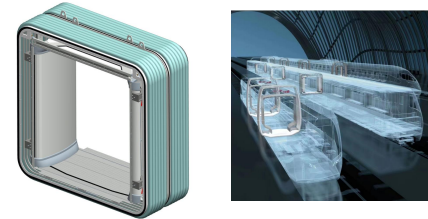
Axle counter



Pantograph & carbon slide



Railway gangway



Automatic Coupler System



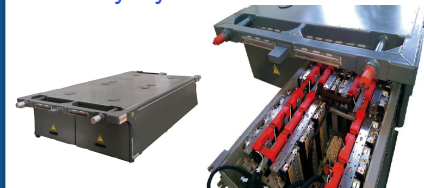
Oil pressure damper



Door system

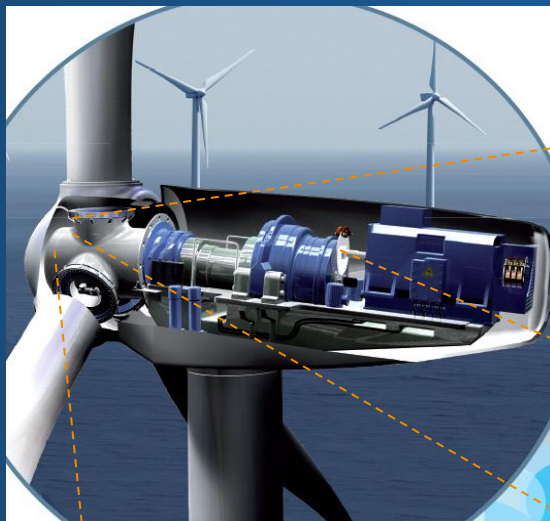


Battery System





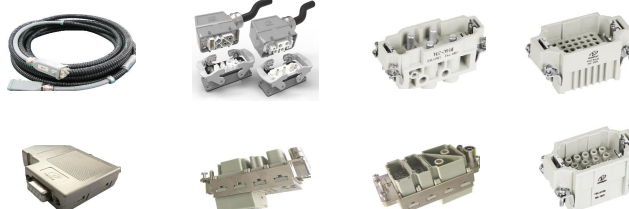
# Key Products – Wind Power Connector Systems



Pitch system



Heavy Duty Connector & cables for control box



Wind power slip ring and connector



Encoder and motor connector



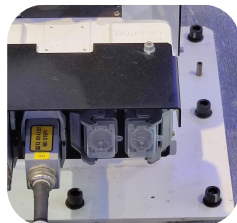
# Key Products – Industry 4.0 Connectors



motor encoder and circular power connector



Base cabinet heavy duty connectors



# Products – Construction Equipment Connectors

Power & High density signal connector



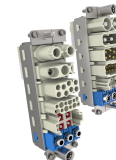
Sensor connectors



Generator connector



Power connector to electric cabinet



# Products – Machine Connectors

Sensor connectors



Power connector



D-sub connector





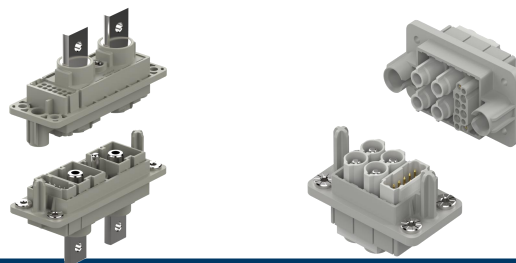
# Products – Energy Storage Connectors



## Socket box /Wall receptacle



## Stacked



# Products – Data Center Connectors



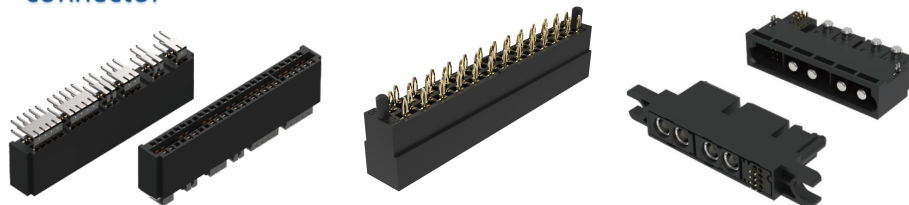
Communication power connector



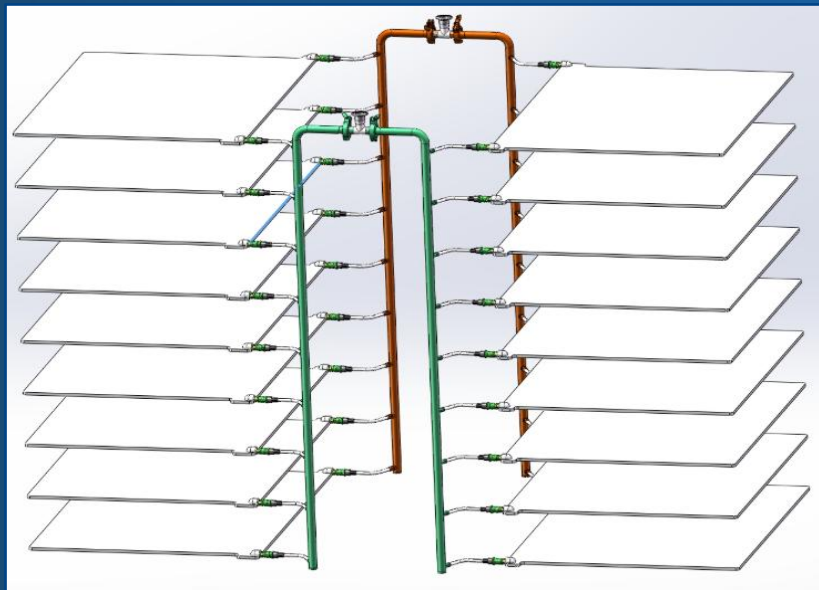
# Products – UPS Connectors



Communication power connector



# Products – Fluid Connectors



LTA/AX series bayonet fluid connector



LTC series push-pull fluid connector



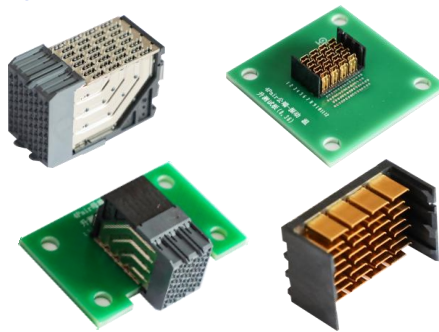
LTF/FP series blind insert fluid connector



# Products – High Speed Connectors



high speed backplane conn



mini fakra vehicle high speed communication conn

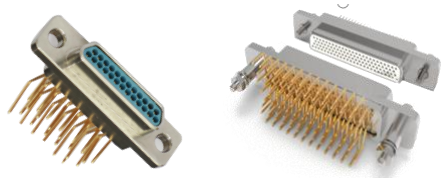




# Product – Special Applications



**High Density Environment  
Resistance Circular Connector**



**Micro-Retangular  
Connector (Wire and Board)**



**LRM Series**



**Arinc600 Series**



**Circular Fiber Optic Series**



**QuaDrax Hybrid  
Series**



**RF and  
Cable Series**



**Filter Series**

# Product – Optical Fiber Products

