

**GuoLi YuanTong** New Energy Technology Co.,Ltd.  
国力源通新能源科技





**Guoli Yuantong**  
High Voltage DC Contactors.



**RAPT Electric**  
High, Low voltage Vacuum AC Contactors, Vacuum AC Circuit Breakers and Isolating Switches



**GuoLi Electronics**  
Magnetrons, Thyratrons, Electron Guns, Spark Tubes



**High Power Industrial Technology Research Institute**  
High power & High efficiency Klystrons as the prime R&D subject.

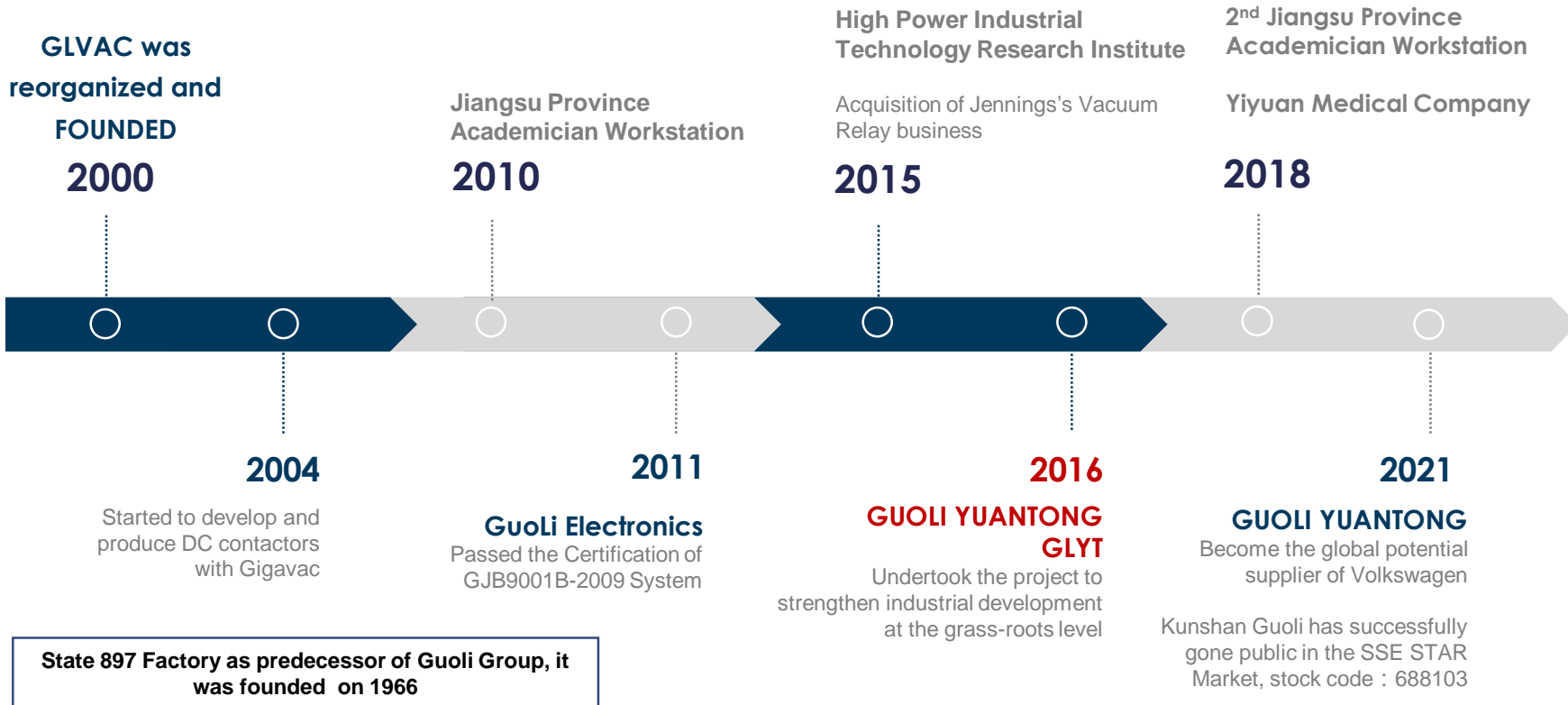


## Guoli Yuantong New Energy Technology- GLYT

- Guoli Group as Mother company of GLYT is a professional manufacturer of vacuum sealing, with more than 20 years of experience and process accumulation in the production of electric vacuum products
- Independent electroplating production line, which meets the requirements of electric vacuum production
- Professional development team long-term trained on seal design
- Rich experience in ceramic metal sealing design, suitable for high-voltage relays and high-voltage contactors

# OUR MILESTONES

COMPANY





## GLYT Munich Branch

Located in Munich downtown  
Serving the Germany and Europe customers



## GLYT U.S. Branch

Located in San Francisco, CA  
Serving the North America customers



**Guoli Yuantong plant**  
covers 10,800 m<sup>2</sup>  
DC contactors

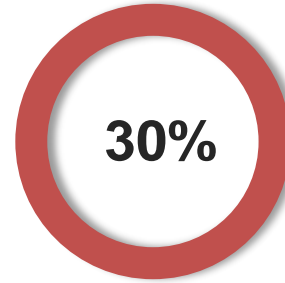
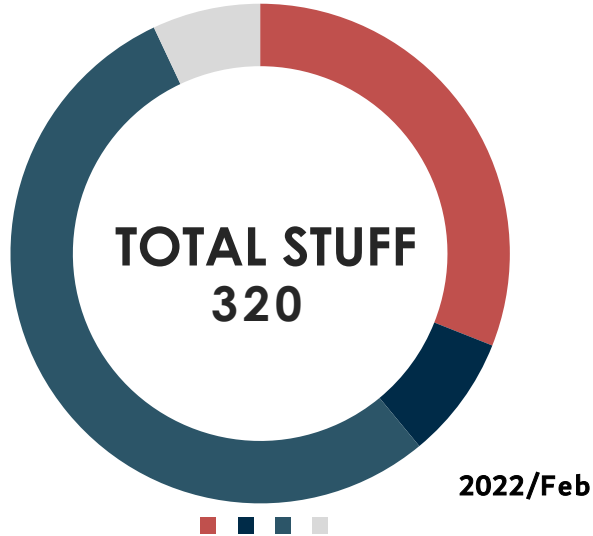


**New plant**  
covers 24,000 m<sup>2</sup>  
DC contactors.  
2021 Q4 SOP

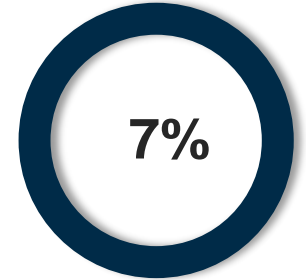
## GL Kunshan HQ

Located in Kunshan, Jiangsu  
Serving China and Asia customers

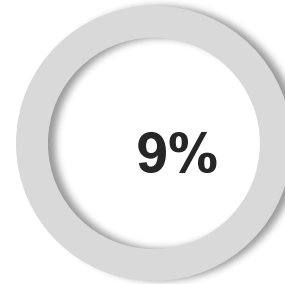
# OUR EMPLOYEE



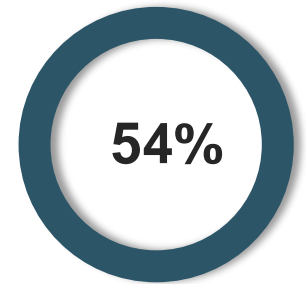
Engineering  
96



Quality staff  
23



Administration staff  
28



Production  
173

# OUR CAPABILITY



Automation Line #1  
GL (Cylinder) family  
2017



Automation Line #2  
GLF (Square) family  
2018



Automation Line #3  
48V Relay  
2020



Automation Line #4  
G5 Contactor  
2021



Automation Line #5  
BDU&PDU  
Q1 2022

- 9 production lines, production capacity over 8 million
- Contactor workshop around 12,000 m<sup>2</sup>
- Reserved 5,000 m<sup>2</sup> space for new production line
- Workshop Cleanliness ISO6 (7,000m<sup>2</sup>) und ISO5 (5,000m<sup>2</sup>)
- Equipped with ceramic metallization line
- Equipped with electroplating line

Electroplating line#1  
2021





General  
Parameters

Electric  
Performance

EMC

Electrical  
Loads

Environmental  
protection

Environment  
and reliability  
test



CNAS accredited Lab

# SYSTEM CERTIFICATION



IATF16949



ISO9001



ISO14001



QC080000



ISO45001



## 01 “GLF Family” 40A - 400A



## 02 “GL Family” 20A - 600A



## 03 “5th Generation Family” 250A - 400A



## 04 “Non-Sealed Family” 10A - 100A



## 05 “2 IN 1” 200A - 250A



GLYT PDU&BDU advocate original design according to the special requirements of the EV industry.  
From the five aspects of design (product, process, tooling, production line and quality) to R&D the parts.

Thermal design

Strength design -  
Vibration analysis

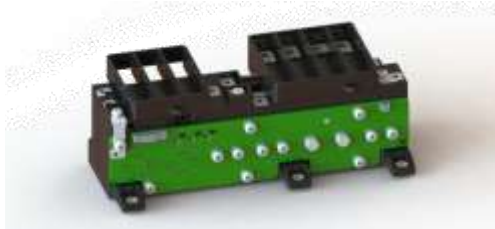
Strength design -  
Mechanical analysis

Mold flow  
analysis

Dimension chain

Threaded connection  
torque calculation

Our Bus PDU applications



Our Car BDU applications



## OEM

### Cars



### Buses



## Charging pile Energy storage



## Industrial

## Tier 1

### Battery



### Electronic control



# Application In Different Models

Product



**Tesla**



**SGMW-E50**



**Xiaopeng-P7**



**WM Motor -  
EX5 & EX6**



**GAC-Aion S plus**



**ChangAn-EV**



**DF- E70**



**Great Wall  
GWM-R1**



**BAIC  
ARCFOX -  $\alpha$**



**Land Rover**



**Geely-ICON**



**SAIC - E2**



THANK YOU FOR  
YOUR ATTENTION