



- Power Quality Products
- Transformers

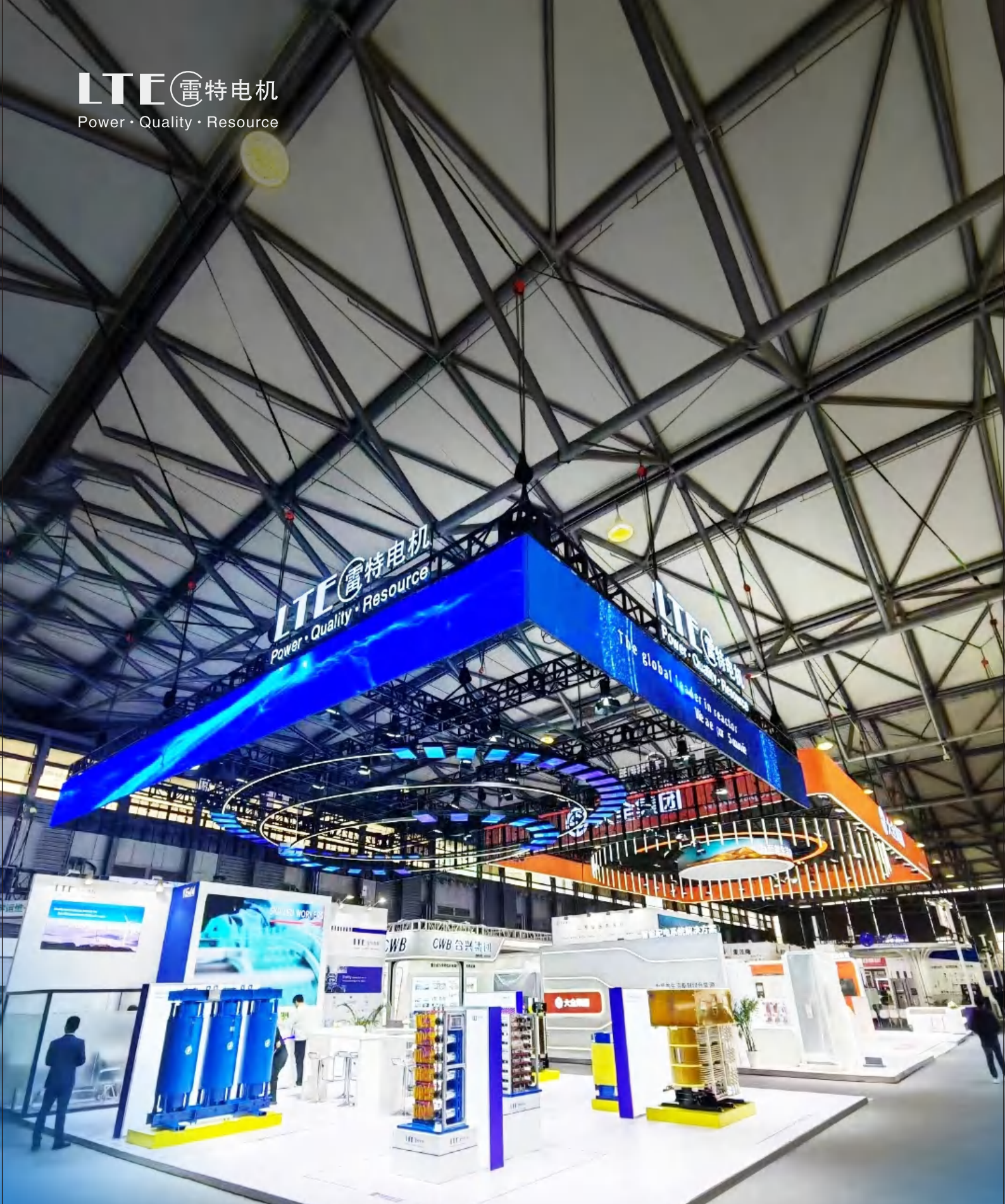


**STAY**  
POSITIVE

**WORK**  
SMART

**MAKE**  
IT HAPPEN





Quality means that we are doing  
everything at the best.





## Sino-German joint venture

### Jiangsu LTEC Electric Co., Ltd.

We specialize in reactors, capacitors, filters, and transformers production since 2004. Our primary production plant in Kunshan city spans an area of 20,000 m<sup>2</sup>, situated one hour drive away from the Shanghai Airport (PVG).

Our R&D teams are located in Gelsenkirchen & Taipei and we have about 120 patents related to our products.

In 2023 **Drosseln GmbH** invested in **Jiangsu LTEC Electric Co., Ltd.** to reform into Sino-German joint venture with a purpose to be competitive in the Asian market.

We provide our customers with world-class LV & MV products, reliable technology with friendly and flexible customer support. At the same time we develop **"tailor-made"** products and solutions for your applications.

***Just contact us***

***We will be right here waiting for you...***

[www.ltec.com.cn](http://www.ltec.com.cn)



Foil winding workshop



Certified quality management system according to ISO9001-2015

Certified environmental management system according to ISO14001-2015



Type Approved  
Safety  
Regular Production  
Surveillance  
[www.tuv.com](http://www.tuv.com)  
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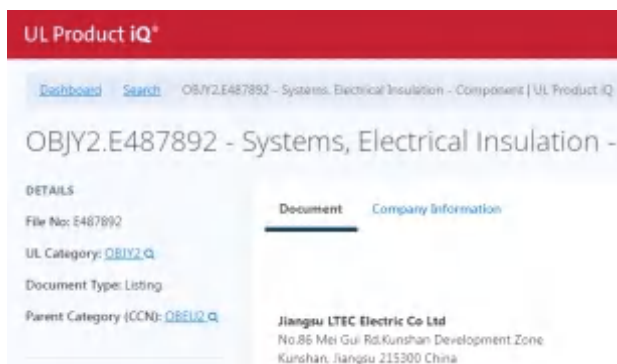


Certified reactor approval mark according to IEC60076-6 and IEC61558-2-20





Automatic vacuum impregnation system



Certified electrical insulation system class H (180°C) and R (220°C) according to UL-1446



Certified product safety approval by customs unions according to IEC60076-6, ISO9001



The lightning impulse equipment testing up to 1200 kV



Partial discharge testing equipment min 1pc background PD







## LV & MV capacitors



### Low voltage capacitors

Capacity 10 ~ 50 kvar  
Voltage 230 ~ 690 V  
Expected life time over 135,000 h  
Filled with gas or resin

### Medium voltage capacitors

Capacity 50 ~ 500 kvar  
Voltage 2.4 ~ 12 kV  
Expected life time over 100,000 h  
Filler PUR, solid materials i.e. dry



Capacitors workshop





## Copper & Aluminum cold pressure welding

Capacity 1 ~ 200 kvar, and voltage 210 ~ 1000 V

Expected life time 150,000 h

Two insulation classes H (180°C) & R (220°C)

Winding copper & aluminum foil or wire

Copper bar or terminal blocks









Terminal copper bar





## Dry Type Rectifier Transformers - TUBE



Up to 10 Mva  
VPI structure  
Effective cooling  
Fire resistance materials  
UL 1446 insulation system  
Certified by H class (180°C) or R (220°C)



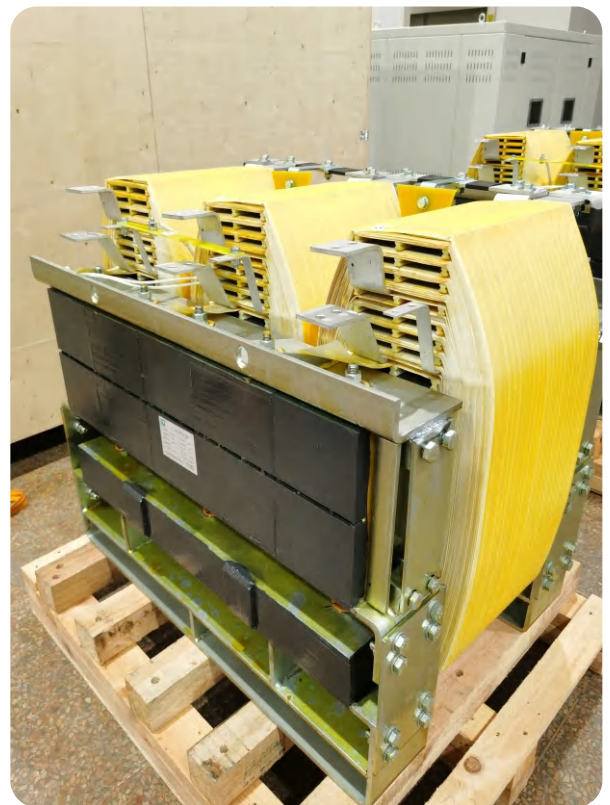
6,000 kva rectifier transformers final testing



## LV dry - type power transformers



Up to 2,500 kva  
Tapes on primary or secondary insulation, class H  
Temperature control unit with 3PT100 probes inserted



## Tailor-made transformers



1,000 kva transformers 480V / 400V 60 Hz export to Mexico





## Thyristor switch

230 V ~ 525 V with maximal operating current 150 A  
 Switching time below 10 ms  
 Capacitor rating: 25 A; 50 A; 100 A; 150 A; 200 A  
 With star or delta connection

## Active harmonic filters

3-level topology  
 Modular scalability  
 Voltage from 200 V to 690 V  
 Rating of individual units:  
     25 A; 50 A ; 100 A; 150 A;  
 200 A 3-wire or 4-wire  
 Response time < 100 microseconds





## Tailor-made products



Passive Harmonic Filters



MV Current Limiting Reactors

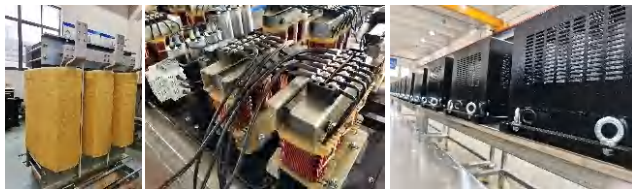


Dry Type Rectifier Transformers



LV filter-reactor

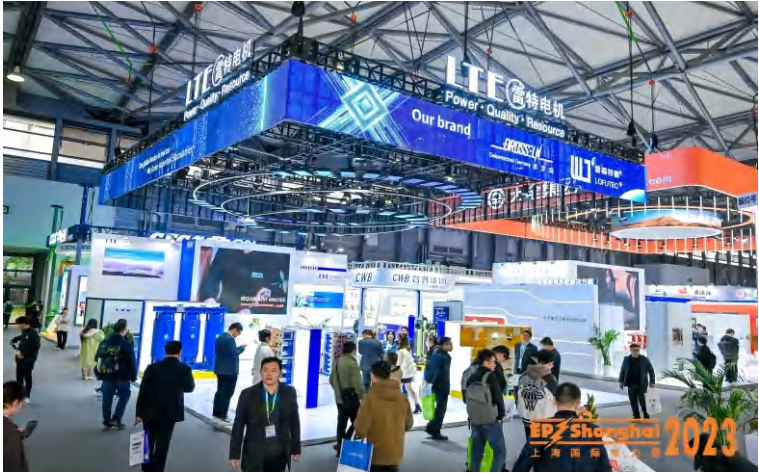
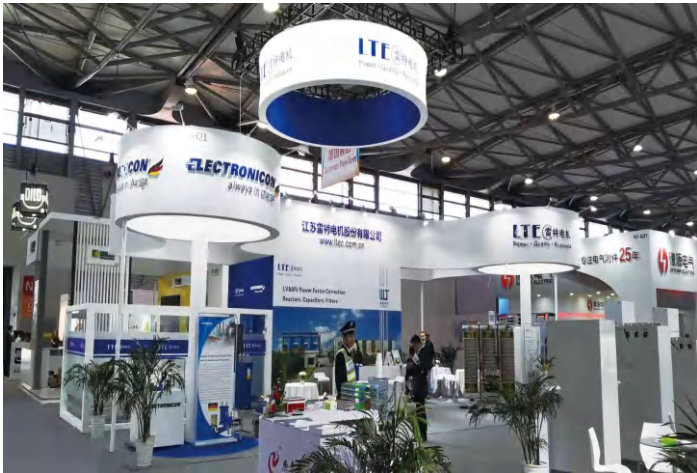
# American projects





# Global exhibitions

## EP Shanghai



## Hannover Messe



## MEE Dubai



Mexico, Vietnam, Russia and more...





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