



Redefining
Power Quality Products



STAY
POSITIVE

WORK
SMART

MAKE
IT HAPPEN





Sino-German joint venture

Jiangsu LTEC Electric Co., Ltd.

We have specialized in the production of reactors, capacitors, filters, and transformers since 2004. Our primary production plant in Kunshan City spans an area of 20,000 square meters and is located just a one-hour drive from Shanghai Pudong International Airport (PVG).

Our R&D teams are based in Gelsenkirchen and Taipei, and we hold approximately 120 patents related to our products.

In 2023, *Drosseln GmbH* invested in *Jiangsu LTEC Electric Co., Ltd.*, forming a Sino-German joint venture with the purpose of enhancing competitiveness in the Asian market.

We provide our customers with world-class LV and HV products, along with reliable technology and friendly, flexible customer support. Additionally, we develop "*taylor-made*" products and solutions tailored to your applications.

Our products have been exported to the United States, Germany, the United Kingdom, Israel, Australia, and more than **60** countries and regions worldwide.

Just contact us

We are right here waiting for you...

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
ID:2000000000



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



Automatic vacuum impregnation system

UL Product iQ®

[Dashboard](#) / [Search](#) / OBJY2.E487892 -Systems,Electrical Insulation - Component | UL Product iQ

OBJY2.E487892-Systems, Electrical Insulation-

DETAILS	Document	Company Information
File No: E487892		
UL Category: OBJY2Q		
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Parent Category (CCN): OBEU2Q		
		Jiangsu LTEC Electric co Ltd No.86 Mei Gui Rd.Kunshan Development Zone Kunshan,Jiangsu 215300 China



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



Engineering services-Power Quality Analysis



Passive harmonic filter performance testing

LV reactors production line



Copper & Aluminum cold pressure welding

Low voltage reactors

- 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



LV dry - type power transformers



900 kVA transformers, 480 V / 415 V, 60 Hz, for export.

- Up to 2,500 kVA
- Tapes on primary or secondary insulation, classes H (180 °C) & R (220 °C)
- Temperature control unit with 3 Pt100 probes inserted



1,000 kVA transformers, 480 V / 400 V, 60 Hz, for export.

Medium voltage reactors production line



Medium voltage reactors



Pie winding type

- Air insulated
- Horizontal and vertical air gap design
- Strong short circuit withstand capability
- Better heat dissipation

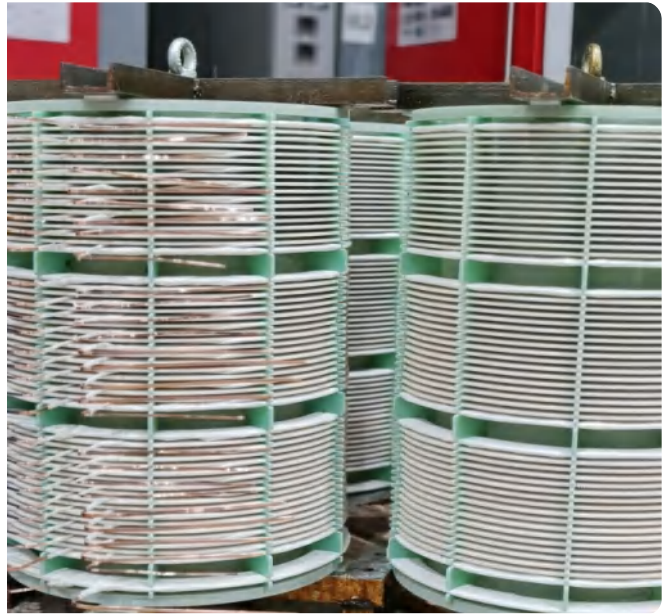
Layer winding type

- Non-Epoxy Resin (Polymer)
- Vacuum Pressure Impregnating
- Two insulation classes H (180 °C) & R (220 °C)
- Low noise

Capacity 50~800 kvar, voltage 1~38 kV



Dry-type rectifier transformers



- Up to 10 Mva
- VPI structure
- Effective cooling
- Fire resistance materials
- UL1446 insulation system
- Certified by classes H (180 °C) & R (220 °C)



6.000 kVA rectifier transformers final testing



LTEC provides rectifier transformers
for *Icebreakers*



AHF & SVG



Active harmonic filters

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



LV & MV capacitors



Low voltage capacitors

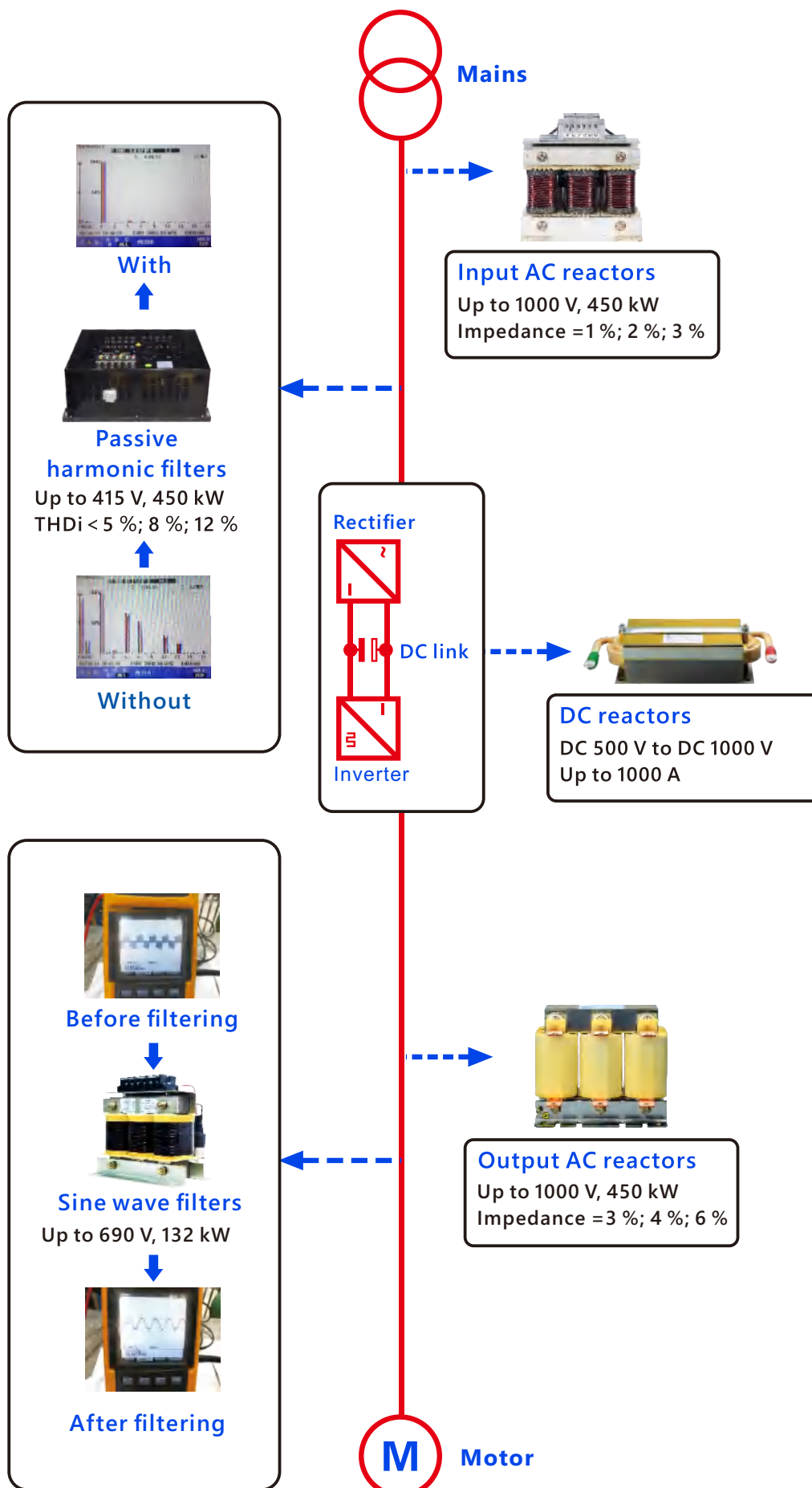
- Capacity 10~50 kvar
- Voltage 230~690 V
- Expected life time over 135,000 h
- Filled with gas or resin

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



Converter solutions:



Air-Core Reactors



- Up to 35 kV
- Air core current limiting reactor
- Indoor or outdoor



Tailor-made products





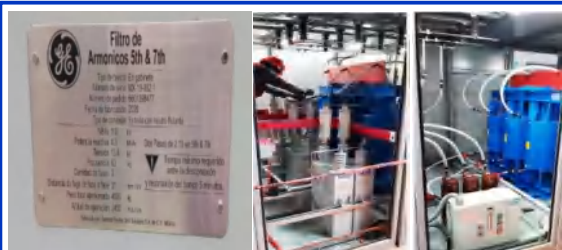
LTEC has been exporting to 60⁺ countries



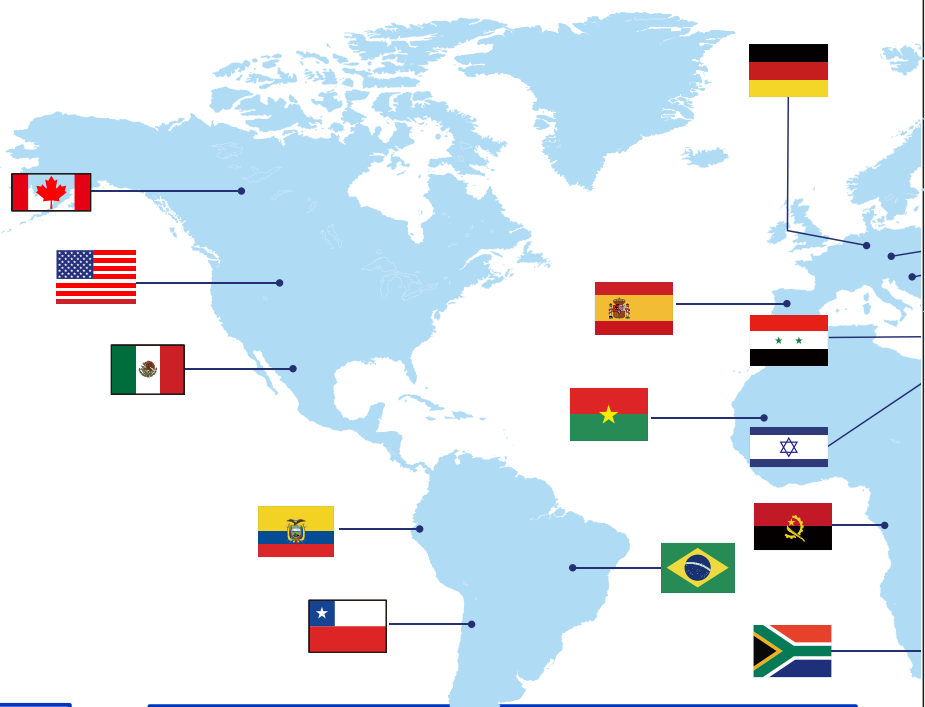
34.5KV 6 taps reactors Metal Refining project ABB (Canada)



FILTRO AUTOMATICO DE ARMÉNICAS, 3500 kvar



13.8KV 60Hz reactors GE



SIEMENS (North America)



Westinghouse (USA)



(ELSPEC Israel)



Reactors (Malaysia)



Shunt reactors (Australia)



DAIKIN (Singapore)



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