

CORE PRODUCTS



*Your Global
Power Quality Partners*

TOGETHER WE CAN
DREAM • BELIEVE • LEAD • ACHIEVE

CORE PRODUCTS

Reactors

300kVAR 1kV



LV Iron-core Reactors

1200A 34.5kV



Neutral Grounding Reactors

1Mvar 38.1kV



MV Iron-core Reactors

40Mvar 132kV



Air-core Reactors

Transformers

1MVA 1kV



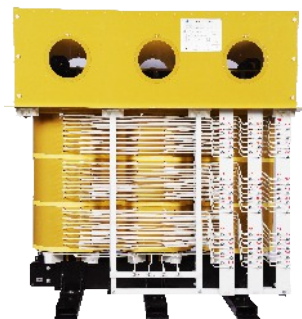
Distribution Transformers

1MVA 1kV



Harmonic Mitigating Transformers

10MVA 13.8kV



Phase-Shifting Transformers

1000A 38.1kV



Grounding Transformers

Other products



LV Capacitors



MV Capacitors



Sine Wave Filters



Active Harmonic Filter



Static Var Generator



Jiangsu LTEC Electric Co., Ltd.

Founded in 2004, LTEC has established itself as a premier specialist in the design and manufacture of reactors, special transformers, and advanced filtration systems. In 2023, we entered a transformative new chapter by establishing a Sino-German joint venture with Drosseln GmbH, merging German engineering precision with agile manufacturing capabilities.

Our state-of-the-art production facility, covering 20,000 square meters in Kunshan City, is strategically located near Shanghai Pudong International Airport (PVG) to ensure efficient global logistics.

Through decades of focused R&D, LTEC has mastered the production of distribution transformers, grounding transformers, and phase-shifting technologies. Our commitment to continuous technological investment allows us to deliver world-class Low Voltage (LV) and Medium Voltage (MV) solutions. We pride ourselves on offering tailor-made engineering to meet complex application requirements, backed by flexible, customer-centric support.

As of 2026, LTEC's global footprint spans over 60 countries, with a strong market presence in the United States, Germany, the United Kingdom, Israel, and Australia.

Contact Us

For inquiries and technical support:

Email: info@ltec.com.cn



LTEC

- Pursuit: Comprehensive Testing & Validation.
- Philosophy: Precision tools are the foundation of quality.





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-

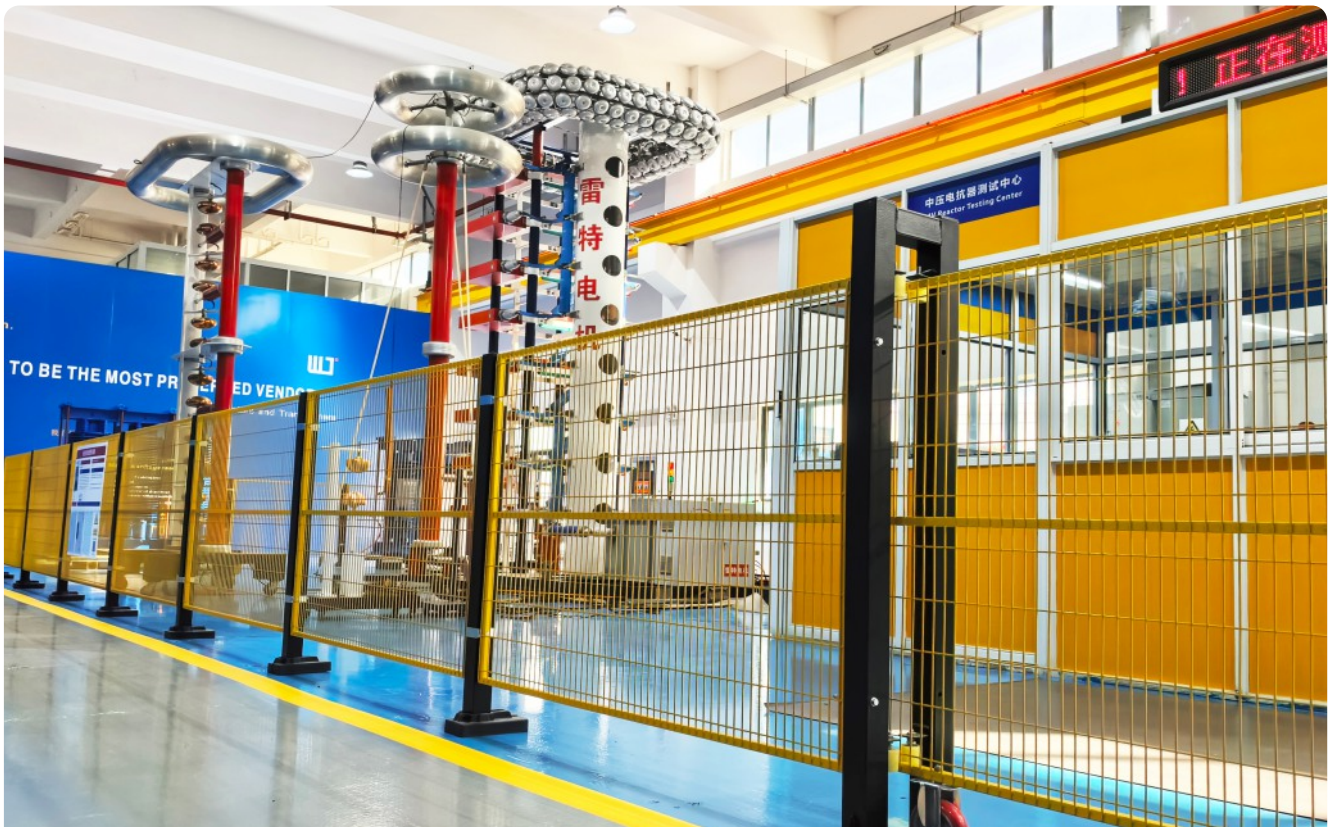
DETAILS	Document	Company Information
File No: E487892		
UL Category: OBJY2Q		
Document Type: Listing		
Parent Category (CCN): OBEU2Q		
	Jiangsu LTEC Electric co Ltd No.86 Mei Gui Rd.Kunshan Development Zone Kunshan,Jiangsu 215300 China	



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



Harmonic filter reactor testing



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 hours
- Two insulation class H(180°C)&R(220°C)
- Winding copper & aluminum foil or wire
- Copper bar or terminal blocks



LV Reactors Production Line



LV reactors assembling



Medium Voltage Reactor Manufacturing



Medium voltage winding



MV reactors assembling

Medium Voltage Reactors



Capacity 50~1000 kVAR, voltage 1~38 kV



Medium voltage reactors prepared for packing

Air-core Reactors



Manufacturing of Air-core Reactors



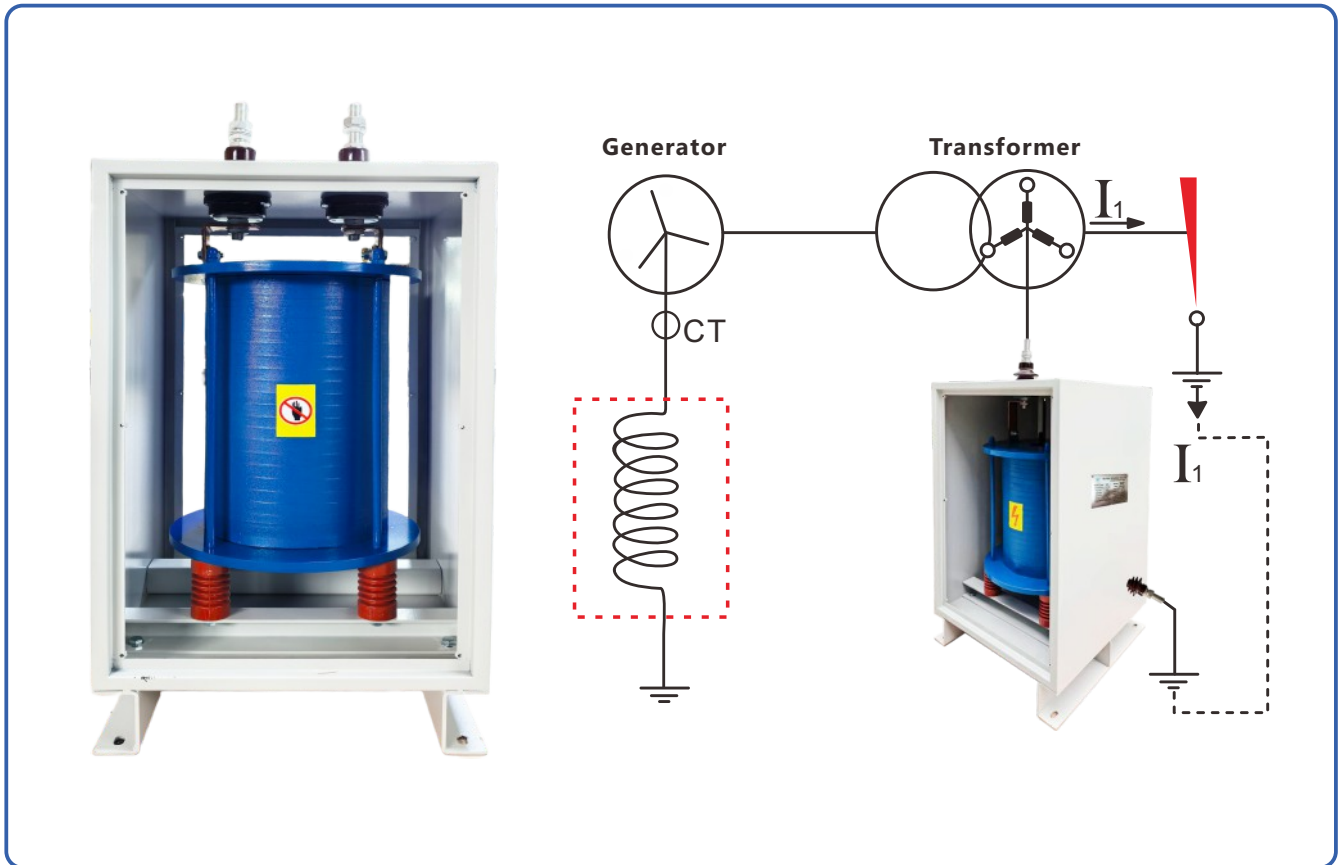
Air-core Reactors



- Up to 132 kV
- Air core current limiting reactor
- Indoor or outdoor

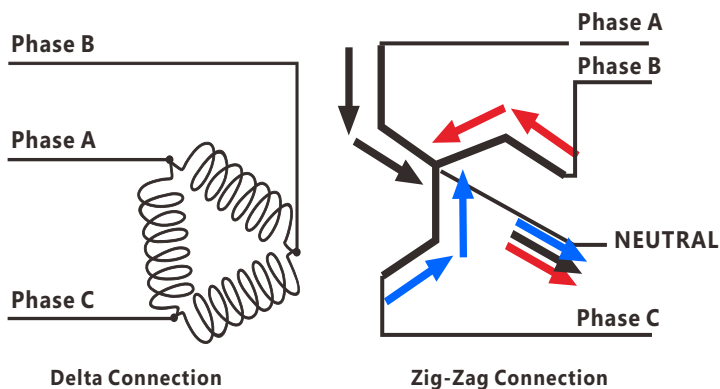


Neutral Grounding Reactors

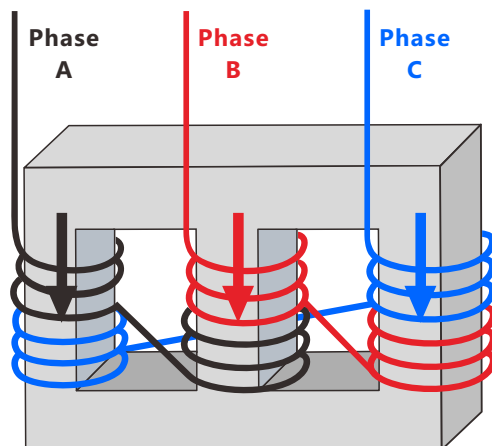


Rated Voltage:480V; L-G Fault Current:18.22kA

Harmonic Mitigating Transformers / HMTs



3rd, 9th, 15th Harmonic currents do not couple



Triplen Harmonic Reduction

Triplen harmonics (3rd, 9th, 15th) are zero-sequence components and naturally accumulate in the neutral. HMT winding schemes such as zig-zag, delta-zig-zag, or special dual-secondary configurations redirect or cancel these triplen currents, reducing neutral overloading.

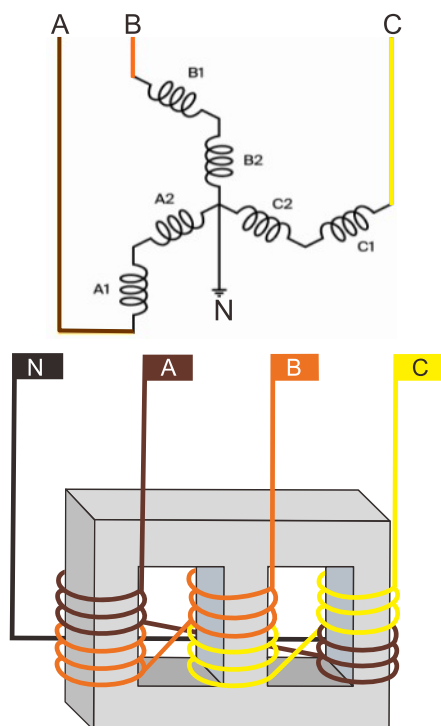
Phase-Shifted / Multi-Pulse HMTs

Provide a deliberate displacement between secondary outputs (e.g., 30° or 15°). When loads are divided appropriately, the 5th and 7th harmonics cancel naturally.



HMTs Rated Voltage: 480V, 60Hz, 300kVA,

Grounding Transformers



Zig-Zag Transformers



Wye-Delta Transformers

LV Distribution Transformers



- Up to 1000 kVA
- Taps on primary or secondary insulation, H(180°C) & R(220°C)
- Temperature control unit with 3 Pt100 probes inserted



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

Dry-type Phase-shifting Transformers



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





6000 kVA Phase-shifting transformers

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



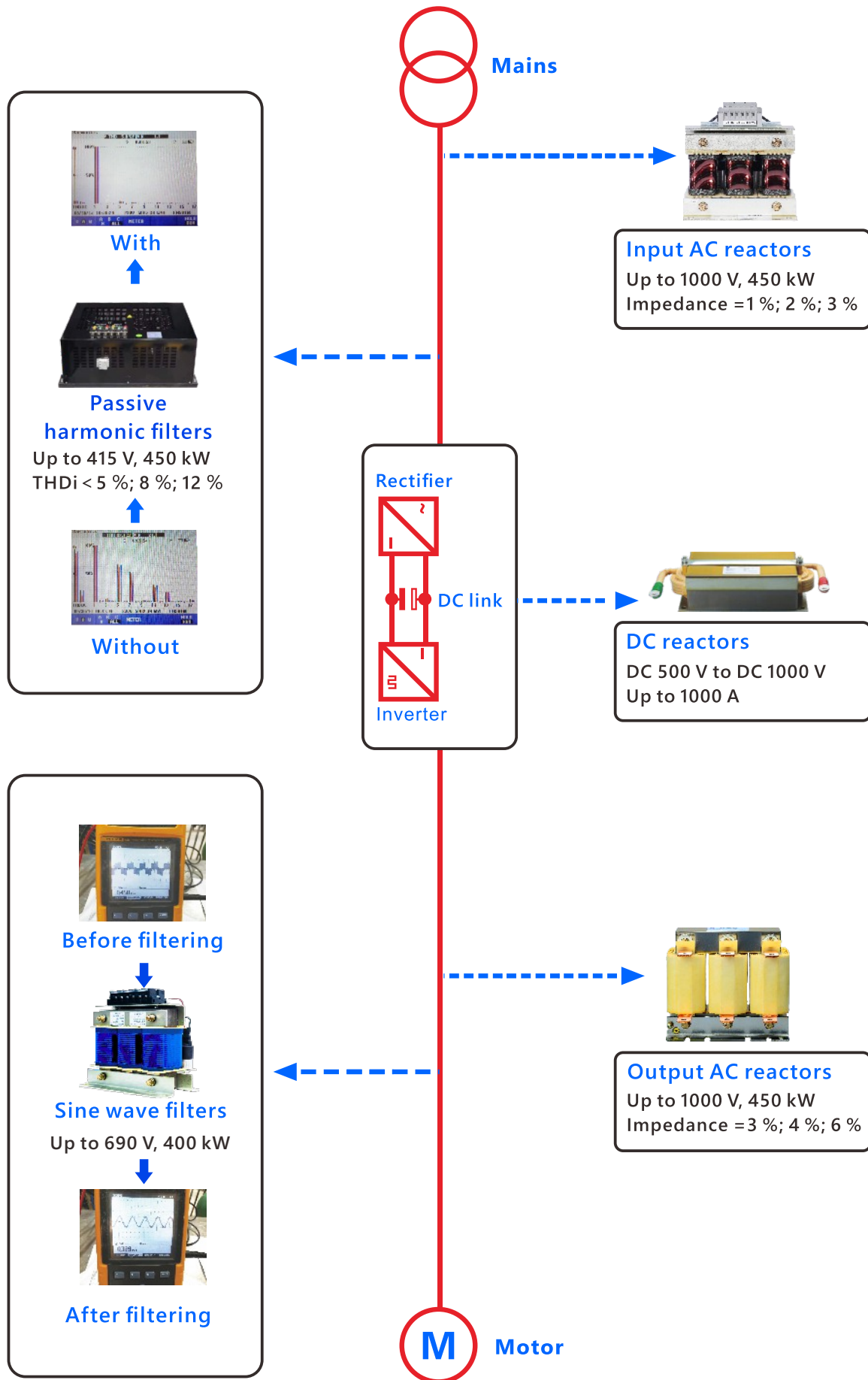
Low voltage capacitors

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

- Capacity 50~700kVAR
- Voltage 2.4~12 kV
- Expected life time over 100,000 hours
- Filled with oil or PUR



Converter Solutions:



Passive harmonic filters



Sine wave filters





*Customization
is our Specialty.*

WE CAN

OEM / ODM

Tailor-made Manufacturing



The image displays three MV PFC Cabinets. The first cabinet on the left is labeled '900 kVAR Capacitor Bank' and is open, showing three blue capacitor units with white ceramic insulators. The middle cabinet is labeled '600 kVAR Capacitor Bank' and is also open, showing two blue capacitor units with white ceramic insulators. The third cabinet on the right is labeled 'Isolation and Incoming Cabinet' and is closed, featuring a white door with a handle and a small window.





屏蔽局放实验室
Shielded test room for the Partial Discharge test

LTEC has been exporting to **60⁺** countries



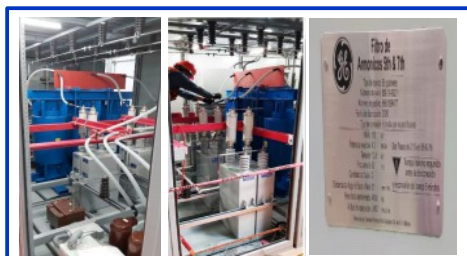
**34.5KV 6 taps reactors
ABB (Canada) project**



Germany



Sp



**13.8KV 60Hz filter reactors
USA**



Transformers USA



SIEMENS Project Mexico



Colombia



**FILTRO AUTOMATICO DE ARMENICAS
Peru**



Gold Mine Proj



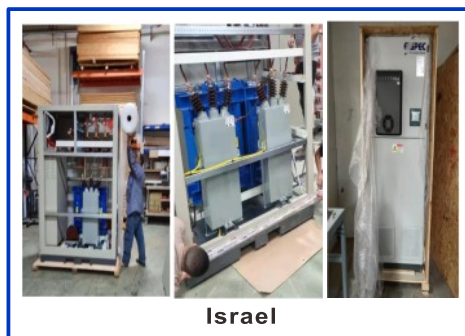
ain



Russia



Kazakhstan



Israel



Malaysia



South Korea



ect-Burkina Faso



Shunt reactors- Australia



Singapore





Jiangsu LTEC Electric Co., Ltd.

No. 86 Meigui Rd., Kunshan City

Jiangsu Province, China

Tel: +86-512-57628055

Fax: +86-512-57628056

info@ltec.com.cn

www.ltec.com.cn