



電力轉換用磁性器材專業製造廠

The Professional Manufacturer in Making
Transformers and Magnetic Components
for Power Transformation since 1970s

泰昌電機事業有限公司
泰耀電子製品(蘇州)有限公司
Eminent Power Friends Equipment Company Pvt. Ltd.



泰昌電機事業有限公司 創始於1973年，經歷不懈的努力，公元2000年擴建新廠於台灣省台南市和順工業區廠址，並公元2002年於中國江蘇省設立泰耀電子製品(蘇州)有限公司。

本公司擁有良好的工作環境，與堅強專業的技術團隊，在設計生產變壓器、電抗器等磁性元件，累積豐富經驗，成就頗多適用產品；並提供優良、穩定的商品予不斷電系統(UPS)、穩壓器(AVR)、濾波器(APF)等電子電力及產業機械電源廠商，優質的服務，於業界普獲好評及肯定信賴！

隨著科技不斷進步，周邊產品技術日新月異，泰昌團隊將秉持不斷精進、盡心服務的初衷，繼續創造研發產品，以期達到永續經營的目標。

Tai Chang Electrical Machinery Enterprise Co., Ltd was established in 1973. Having gone through incessant hard working, In 2000, we had a new plant at Ho Shun Industrial Park in Tainan City. We have also set up Tai Yao Electronic Products (Su Zhou) Co., Ltd. At Su Zhou City, China in 2002. And EPFE India in 2012. Our company has excellent working condition and professional technical team who have accumulated many years of experience in making transformer and reactor, etc., magnetic components to present suitable products. Besides, that we are capable of offering excellent and stable products such as: UPS, AVR, APF, etc. electronic power, as well as industrial machinery manufacturer with excellent service to receive words of praise and trust from our customers.

Along with the progress of the technology and the rapid changes of the technique on peripheral products, Tai Chang team will insist in searching for excellence and offering best service to carry on the research and development of new products to achieve sustainable operation goal.



泰昌電機事業有限公司(台灣)
TAI CHANG ELECTRICAL MACHINERY ENTERPRISE Co., LTD



泰耀電子製品(蘇州)有限公司
TAI YAO ELECTRONIC PRODUCTS (SU ZHOU) CO., LTD.



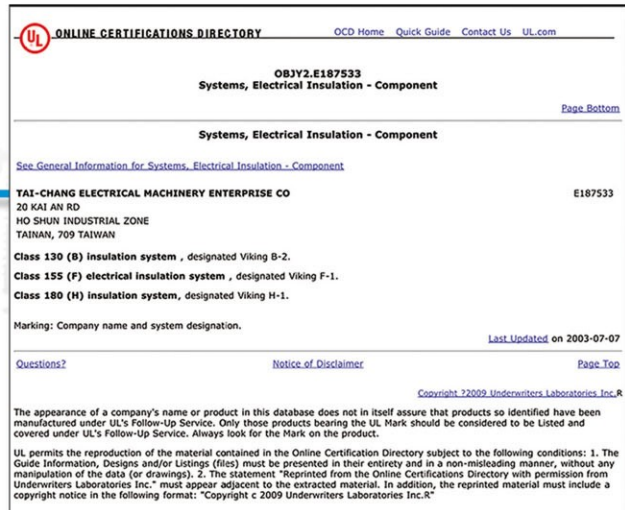
EMINENT POWER FRIENDS EQUIPMENT COMPANY PVT. LTD.

TUV 認證證書
TUV Certificate



泰昌-UL 認證證書
Tai Chang - UL Online certifications Directory

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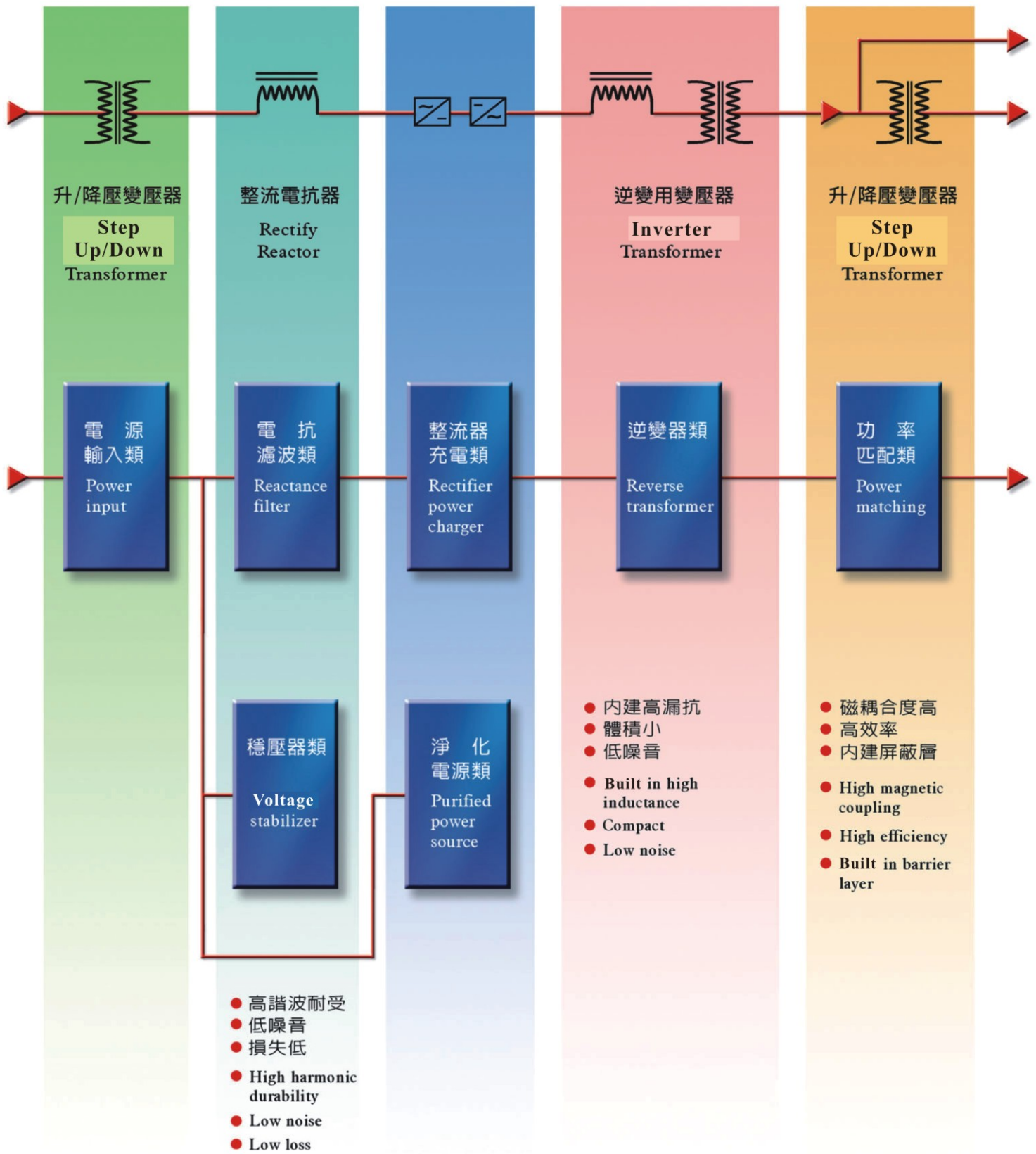


泰昌- CE認證證書
Tai Chang - CE Online certifications Directory



乾式隔離、自耦變壓器	Dry Isolation, Auto Transformer
模鑄式變壓器	Epoxy Encapsulated
高漏抗(逆變)變壓器	Inverter Transformer
高諧波變壓器	K-Factor Transformer
整流、充電用變壓器	Rectifier Transformer / Replenisher Transformer
磁共振變壓器	Ferroresonant Transformer
磁飽和變壓器	Saturant Transformer
環型變壓器	Toroidal Transformer
油浸式變壓器	Oil immersed Transformer
濾波、變頻器用電抗器	Filtering Choke
整流、電容電抗器	Rectifier / Capacitance Choke
啟動用電抗器	Motor Starting Choke
高頻用電抗器	High Frequency Choke
感應電壓調整器	Induction Voltage Regulator
感應電子式穩電器	Induction Voltage Stabilizer
電力諧波淨化系統	Power Filter System
UPS 不斷電匹配系統	Uninterruptible Power Supply

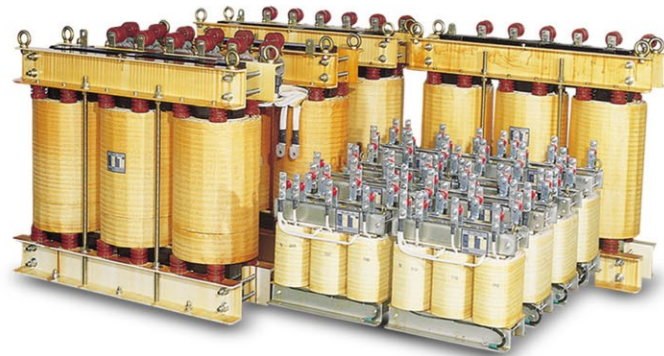
● 以上產品均可依客戶所需規格訂製。 The above products may be manufactured according to the required specification of client.



乾式隔離、自耦變壓器

Dry Step Up / Down Isolation Transformer

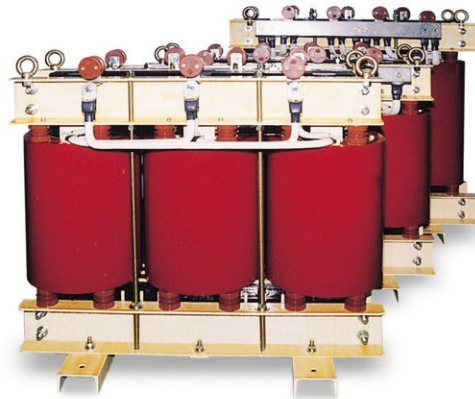
- 110/190/220/380/480/600V 電壓等級變換專用。
- 採用優質鐵芯與特殊工法，低振動、低噪音、高效率。
- 利用高度磁耦合技術壓降低、失真少。
- 具遮蔽層隔離型，雜訊衰減度高。
- 設計容量10~2500KVA接線方式及電壓等級皆依需求設計製作。
- 110/190/220/380/480/600V for all kinds of voltage class transformation.
- It applies excellent steel core and special working method to ensure low vibration, low noise and high efficiency.
- Make use of high magnetic coupling technique to reduce the pressure and less loss of fidelity.
- It has a shield barrier layer to reduce the noise sound.
- The designated capacity 10~2500KVA, wire connection and the voltage class are made according to the request.



模鑄式變壓器

Epoxy Encapsulated Transformer

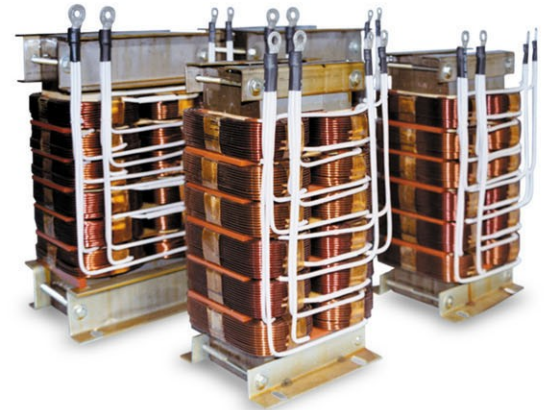
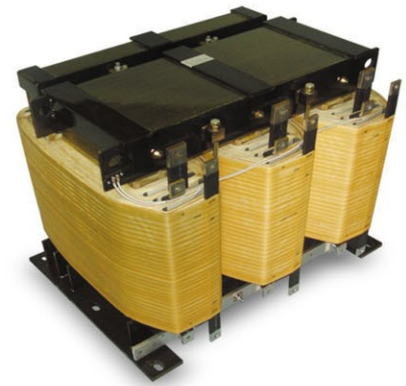
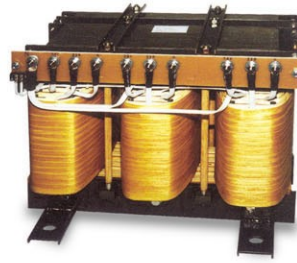
- 難燃防火，安全性高。
- 防潮性能好，免維護，綜合運行成本低。
- 無污染，可直接安裝在負荷中心。
- 連續額定使用。
- Hard to burn and fire proof with high safety.
- High humidity proof, no maintenance required, the total operation cost is low.
- No pollution; and it can be equipped at the center of the loading.
- Continual rated use.



高漏抗(逆變)變壓器

Inverter Transformer

- 內建高漏抗。
- 體積小。
- 低噪音。
- Build high inductance
- Compact
- Low noise



高諧波變壓器

K-Factor Transformer

- 高諧波耐受。
- 低噪音。
- 損失低。
- High harmonics durability
- Low noise
- Low loss



整流、充電用變壓器

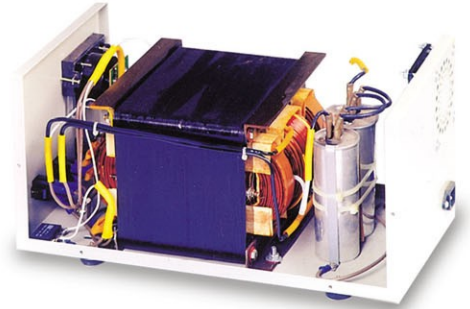
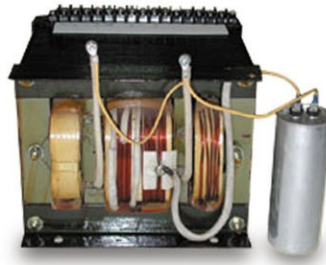
Rectifier Transformer / Replenisher Transformer

- 輸入電壓110/190/220/380/480/600/660V 或特製規格。
- 輸出電壓 12/24/48, 110/220V 或特製規格。
- 低電壓/高電流, 高電壓/低電流。
- 精密電子式控制, 適用於電信、開關電源、電鍍或電解設備。
- Input voltage 110/190/220/380/480/600/660V or special specifications.
- Output voltage 12/24/48, 110/220V or special specifications.
- Low voltage / high current
Low current / high voltage
- Precision electronic type control, suitable for communication, switch power, electroplating or electrolyte equipment.



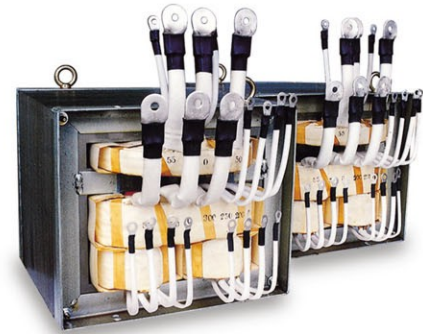
磁共振變壓器

Ferroresonant Transformer



磁飽和變壓器

Saturant Transformer



環型變壓器

Toroidal Transformer



油浸式變壓器

Oil immersed



- 高導磁性鐵芯。
- 富隔離作用。
- 對靜電、落雷、雜訊、高壓脈衝等有良好抵抗力。
- 運用於自動電壓穩壓器。
- High magnetic conductive steel core
- With isolation function
- It has excellent resistance to static, thunder, noise, high pressure impulse, etc.
- Auto application electric stabilizer
- 採用優質鐵芯與特殊工法。
- 利用鐵芯飽和的原理達到穩壓目的。
- 運用交流穩定器。
- It applies excellent steel core and special working method to ensure.
- Apply the principle of saturation on steel core to achieve the goal of voltage stabilization.
- Apply the AC stabilizer.
- 低激磁電流。
- 相較傳統變壓器，可縮減約25%重量。
- 低噪音。
- 可水平或垂直安裝。
- Low exciting current
- Compare to traditional transformer, it may reduce the weight as much as 25%.
- Low noise
- It can be installed either in vertical or horizontal direction.
- 適合桿上用或動力用。
- 適用海拔1000公尺以下，周邊溫度在任何24小時內不超過35°C之場所使用。
- 依照CNS-598規定設計製造及試驗。
- It is suitable for the use on the rod or driving.
- It is suitable for under 1000 meter of height, the surrounding humidity shall be below 35°C within any 24 hours.
- It is designed, manufactured and testes according to regulation of CNS-598 standard.

濾波、變頻器用電抗器

Filtering Choke



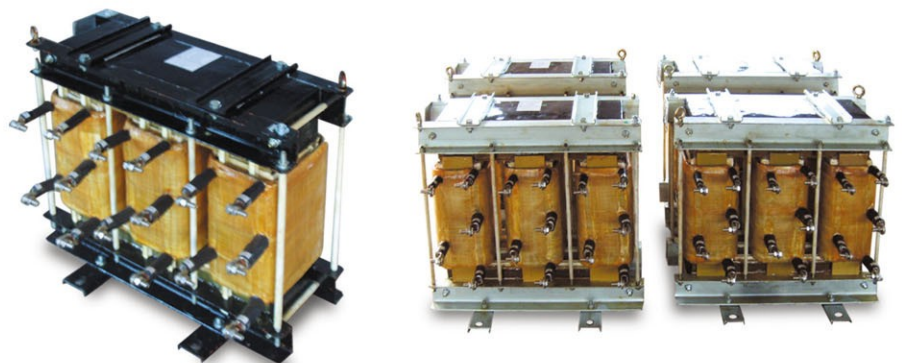
整流、電容電抗器

Rectifier / Capacitance Choke



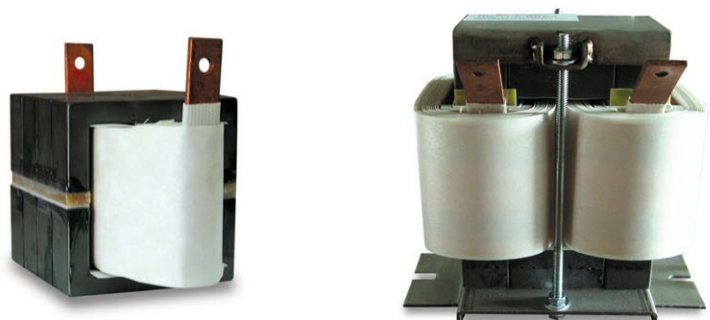
啓動用電抗器

Motor Starting Choke



高頻用電抗器

High Frequency Choke



- 適用於無功補償和諧波的治理系統。
- 與變頻器或電力電容串聯或並聯使用。
- It is suitable for treatment system on no-capacity compensation and harmonic.
- To couple with frequency changer or electric capacitor for series or parallel use.

- 高諧波耐受。
- 低噪音。
- 損失低。
- High harmonics durability
- Low noise
- Low loss

- 適用於馬達啓動用。
- 額定時間：60, 90, 120, 180 秒。
- It is suitable for motor driving.
- Rated time: 60, 90, 120, 180sec.

- 採用低鐵損鐵芯。
- 高飽和磁通密度，高頻損耗小。
- 溫度穩定度佳。
- Apply low loss steel core
- High saturation magnetic flux density, high frequency little consumption.
- Excellent temperature stability.

感應電壓調整器

Induction Voltage Regulator

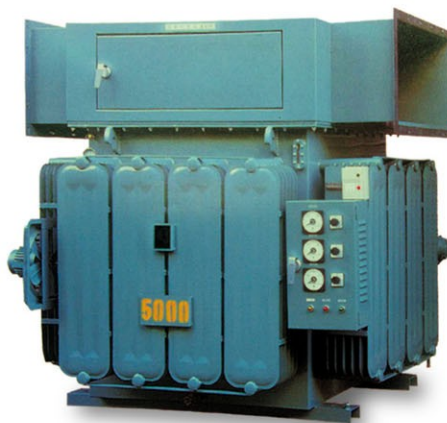
- 油入自冷式、乾式風冷式兩款設計。
- 無段調整輸出波形近乎正弦波。
- 壽命長、保養容易。
- 可承受瞬間3倍電流而不致損壞本機。
- Oil self cooling / Dry wind cooling two types of design
- Stepless adjustment output corrugation nearly no sine wave.
- Long service life and easy to maintain.
- It may bear instant triple current without damaging the machine.



感應電子式穩壓器

Induction Voltage Stabilizer

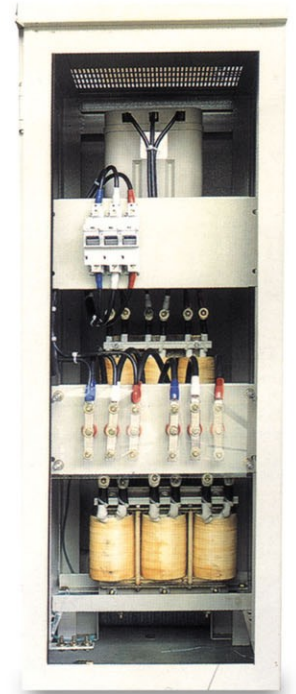
- 油入自冷式、乾式風冷式兩款設計。
- 具自動、電動、手動調整電壓功能。
- 欠相、逆相保護。
- 高、低壓二段保護過載、超溫保護。
- Oil self cooling / Dry wind cooling two types of design
- It has auto, electric, and manual three ways to adjust the voltage.
- Loss phase and anti-phase protection
- High / low voltage two-step protection
- Over loading and super high temperature protection



電力諧波淨化系統

Power Filter System

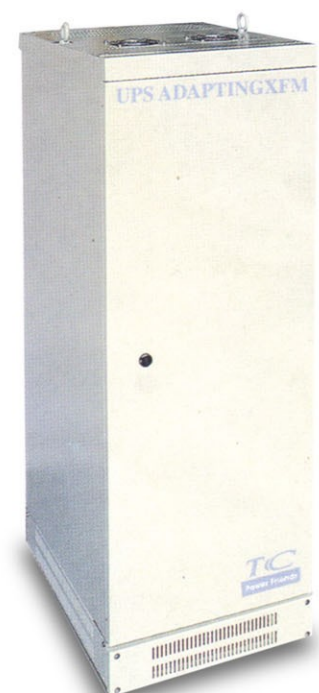
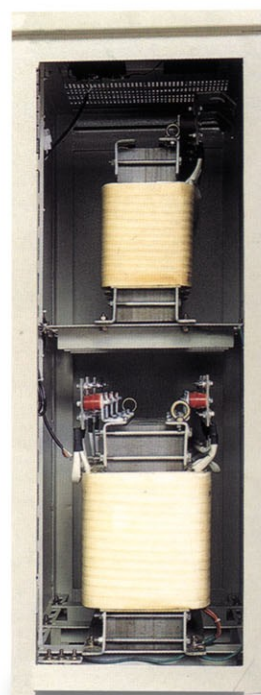
- 依據用戶參數承製。
- 諧波抑制效果佳。
- 具安全防護裝置。
- 可配合用戶現場量測。
- To manufacture according to the parameters of the customers.
- Excellent harmonic inhibition effect.
- It has a safety protection device.
- It may coordinate with the users to do on site measurement.



UPS 不斷電匹配系統

Uninterruptible Power Supply

- 依據用戶需求轉換UPS電壓以適合電源及負載。
- 箱體參照UPS主機製作，具一致性。
- 散熱設計佳，增加可靠性。
- 出入線延伸銅排製作，易於安裝連接。
- According to the requirements of the users to transfer the UPS voltage to adapt to the power source and loading.
- The box has referred to UPS main body to make to be consistent.
- The heat ventilation design is good to increase the dependability.
- The input and output wire extend copper bus is manufactured, which is easy to install and connect.





YOUR BEST CHOICE!

TIC

Power Friends

泰昌電機事業有限公司

TAI CHANG ELECTRICAL MACHINERY ENTERPRISE CO., LTD

台南市安南區開安路20號(和順工業區)

TEL: 06-3550155 FAX: 06-3550159

E-mail: sales@taichang.com.tw

<http://www.taichang.com.tw>

Power Friends

TAI YAO

泰耀電子製品(蘇州)有限公司

TAI YAO ELECTRONIC PRODUCTS (SU ZHOU) CO., LTD.

中國江蘇省蘇州市經濟開發區長浜路289號

TEL: 86-512-63430118

FAX: 86-512-63434955

E-mail: taiyao@taichang.com.tw

<http://www.taichang.com.tw>

EPFIE

Power Friends

Eminent Power Friends Equipment Company Pvt. Ltd

Plot-14A& 15, Sector-4, SIDCUL, IIE Pant Nagar,
Rudrapur(U.S. NAGAR), Uttrakhand-263153, INDIA

TEL: 91-5944305200

FAX: 91-5944305205

E-mail: sales@epfecpl.com

<http://www.taichang.com.tw>