



www.tlv.org.tr

YOUR SOLUTION PARTNER FOR

LOW VOLTAGE ELECTRICAL EQUIPMENT

TLV TURKISH LOW
VOLTAGE TEAM



ELECTRICAL AND ELECTRONICS
EXPORTERS' ASSOCIATION

Türkiye



GLOBAL LEADER WHICH HAS
AN EXPERIENCE WITH MORE
THAN 170 COUNTRIES IN ALL
FIELDS RELATED TO THE
ENGINEERING, MANUFACTURING,
ELECTRICITY TRANSMISSION AND
DISTRIBUTION EQUIPMENT.



ABOUT TET (1)

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ABOUT ELECTRICAL AND ELECTRONICS EXPORTERS' ASSOCIATION

Electrical and Electronics Exporters' Association (TET) is a semi-governmental agency which promotes trade activities of its members. It was founded on 1991 and it is subjected to Ministry of Trade. We, as TET, are working for our member companies in order to improve trade volume and cooperation opportunities of electrical and electronics industries.



ELECTRICAL AND ELECTRONICS
EXPORTERS' ASSOCIATION

ACTIVITIES OF TET



CO-OPERATION

Developing co-operations with international institutions



DELEGATIONS

Arranging "Trade Delegations" & Organizing "Buying Missions"



MONITORING & REPORTING

Monitoring and providing sectoral data, reports and market research analysis



FAIRS

Organizing and participating in trade fairs

MORE THAN

4000

TET MEMBERS

TET REPRESENTS

Cables

1.9 Billion \$

Household Appliances

3.6 Billion \$

Total Export of
TET in 2020

11.3 Billion \$

Electricity Production

and Distribution

Equipment

2.9 Billion \$

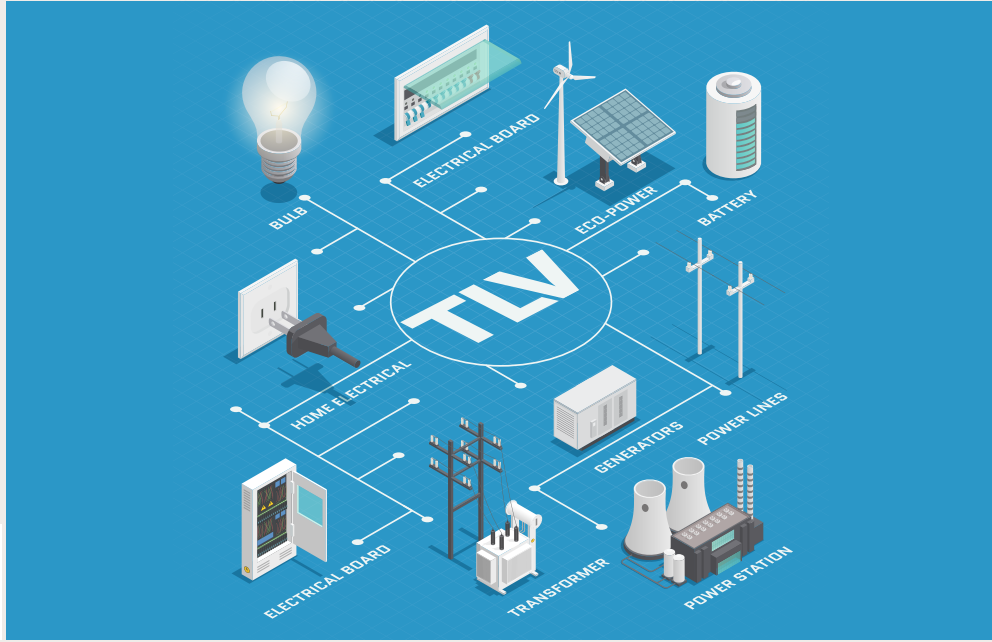
Electronics

2.9 Billion \$

www.tet.org.tr



www.tlv.org.tr



WHO IS TURKISH LOW VOLTAGE TEAM (TLV)?

Turkish Low Voltage Team (TLV) is created by Electrical and Electronics Exporters' Association (TET) in June, 2019 with the support of the Turkish Ministry of Trade. TLV has 29 member companies and act as a consortium according to the need of the Customer.

TLV is a **SOLUTION PARTNER** of both private and governmental Electrical Transmission and Distribution Companies.

TLV provides solutions at engineering, manufacturing, contracting.

The product groups of the selected companies are widely range and the companies are mainly contactors, power transformer and manufacturers.



TLV TURKISH LOW VOLTAGE TEAM



TLV TEAM FACTS

- **Employing more than 5.000 people**
- Exporting more than 170 countries
- **Experience in the sector for more than 50 years**
- National and international quality certificates
- **Product quality in world standards**
- Creating innovative products with advanced R&D technology
- **High production capacity**
- Flexibility high design quality
- **Wide product range**
- Providing service to all kinds of clients from individuals to large corporations
- **Rapid industrial development production at EU standards well trained and experienced work force**
- Efficient and up to date equipment capacity
- **Neighboring the largest markets in the world**
- Well-developed logistics network
- **On time delivery**



TO GET MORE INFORMATION ABOUT TLV:

Contact: Büşra Çalışkan | Phone: +90 212 454 01 13

E-mail: busra.caliskan@immib.org.tr | Web Site: www.tlv.org.tr

COUNTRIES THAT TLV COMPLETED PROJECTS

MORE THAN 170 COUNTRIES





ARCTIC OCEAN



TLV'S CAPABILITY TABLE

Company Name	Lighting Products		Building Automation Products			Industrial-Process Measurement and Control Systems								Electrical Power Supplies						Cable and Cable Products				Networking Equipment																			
	Lighting Products	Led Lighting	Smart Building Automation Systems	Energy Management System	Security Systems	Dc Measuring Devices	Electric Meters	Energy Analyzer	Fan Speed Tester	Gas Volume Meters	Converter	Panelmeters	Drivers	Data Logger	Battery	Battery Charger	Regulator /Control Unit	Ups	Invertor	Redressor	Cable	Cable Ties	Wireway	Cord End Terminal Lug	E- Port Ethernet Gateway	W-Port 2 Gbps Edge Modem																	
ACDC ELEKTRONIK															⚡	⚡	⚡	⚡	⚡	⚡	⚡																						
AKSA																																											
AMPER ELEKTRİK																																											
BARAN									⚡						⚡	⚡	⚡			⚡						⚡																	
BORSAN	⚡	⚡		⚡																	⚡																						
DELTA ELEKTRİK											⚡						⚡	⚡																									
EDIT ELEKTRONIK													⚡			⚡	⚡	⚡	⚡	⚡																							
ELEKTRA																																											
ELKİMA ELEKTRİK																																											
ELTE PANO ELK																																											
ENEL ENERJİ															⚡			⚡	⚡	⚡																							
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ERSE KABLO																					⚡																						
FEDERAL										⚡			⚡																														
FOREND	⚡				⚡																⚡																						
GUÇBİR GENERATOR																																											
İNDEKS																																											
İLK-EL																																											
KIRAC METAL																							⚡																				
MAKEL ELEKTRİK	⚡	⚡	⚡	⚡		⚡	⚡		⚡			⚡														⚡	⚡																
MİKROSAY				⚡					⚡					⚡			⚡																										
ÖREN KABLO																					⚡																						
PAMİR	⚡	⚡																																									
POWER											⚡				⚡	⚡	⚡	⚡	⚡	⚡																							
PROTART	⚡				⚡																⚡																						
TEKSAN																																											
ÜNTEL																					⚡																						



GENSET				PANEL AND PANEL EQUIPMENT		CIRCUIT BREAKERS AND SWITCHES														TRANSFORMERS				LIGHTNING					
Light Tower	Hybrid Power Systems	Genset	Cogeneration–Trigeneration	Panel Accessories	Panels	Voltage Transducers	Harmonic Filter	Low Voltage Power Capacitors	Switch	Breaker, Circuit Breaker	Group Sockets	Contactors	Automated Transfer Systems	Surge Arrester	Plug/Socket	Relays	Fuse Box	Reactor	Shunt Reactor	Power Transformer	Isolation Transformer	Isolating Transformers	Current Transformer	Exothermic welding systems	Lightning Rod	Lightning Rod Tester	Earthing Accessories	Lightning Counter	
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TLV AS YOUR SOLUTION PARTNER FOR LOW VOLTAGE ELECTRICAL EQUIPMENT

Engineering and Design



In-house design companies that continuously develop innovative, construction friendly and cost-effective designs using latest softwares. It has an unparalleled strength in the design of very complex and large projects.



Manufacturing



TLV Team Members are among the best and well known manufacturers in the world for Power and Distribution Transformers, Instrument Transformers, Gensets, Disconnect Switches, Power Cables, Conductors, Towers, Steel Structures, Silicon Insulators, Hardware, Metal Clad Cubicles, Control & Protection, Lightning and Earthing Systems.

TLV MEMBERS



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AC/DC ELECTRONIC SYSTEMS INC.



PRODUCTS AND SERVICES

Uninterruptible Power Supplies (1-4800 kVA),
Dry Type Batteries (Yuasa, Exide, Enersys,
DataSafe, PowerSafe, Ritar, Vision,
FirstPower, Trojan, BB)
Gel Type Batteries,
Servo Voltage Regulators (1-3000 kVA),
Static Voltage Regulators (1-3000 kVA),

Isolation Transformers (1-2000 kVA),
Battery Chargers,
Sinus and Modified Sinus Invertors,
Combi Boiler Power Supplies,
Shutter Power Supplies,
DC Power Supplies,
Dry Type Transformers,
AC/DC Power Supplies,
DC/DC Converters,
Frequency Converters.



Engin ULUBAŞ



engin.ulubas@acdc.com.tr

info@acdc.com.tr



+90 212 320 20 07



www.acdc.com.tr

Year of Establishment

2000

Number of Employees

6

Export Since

2004

Export to 9 countries



CERTIFICATION

ISO9001, ISO14001, CE, TSE



ABOUT US

AC/DC Electronic Systems Inc.

It has been established in year 2000 for the purpose of researching, developing, manufacturing, import, export, sale and rendering after sale technical services of primarily online Uninterruptible Power Supplies, Dry Type Batteries, Servo Voltage Regulators, Static Voltage Regulators, Battery Charge Converters, SMPS Power Supplies, Sinus and Modified Sinus Invertors, Combi Boiler Power Supplies, Shutter Power Supplies, AC Motor Speed Controlling Devices, DC Power Supplies, Dry Type Transformers, AC/DC Power Supplies, DC/DC Converters, Frequency Converters, Cable TV Power Supplies, Telecom Power Supplies, Insulation Transformers and adjusted varyak systems.

Since the day of its establishment, it applied the % 100 customer satisfaction not only for its customers but also as to cover suppliers, employees, dealers and solution partners and believed that these relationship potential is the real power of AC/DC.

AC/DC has accepted honesty, explicitness, fairness as its sine qua non principles always at its internal relations and all external relations with abroad with its directors and employees.

One of the premier targets of AC/DC is rendering sales, service and maintenance services of products which are reliable, in compliance with the international standards, actually economical for the customer and having technological superiority for the purpose of meeting and exceeding the expectations and needs of the customers.d employees...



SELECTED REFERENCES

Azerbaijan, Turkmenistan, Uzbekistan, Iraq, Iran, Georgia, Pakistan, Oman, Tunisia, Nigeria, Congo, Singapore, Malawi, Montenegro, England

**Ergün YILMAZ**

marketing@aksa.com.tr

ergun.yilmaz@aksa.com.tr



+90 216 681 57 84



www.aksa.com.tr

Year of Establishment

1984

Number of Employees

1100+

Export Since

1984

Export to 173 Countries**CERTIFICATION**

1500 Hour Salt Test

2000/14/EC (Noise) ANNEX VI

Uptime Data Center Certification

ISO14001:2015 Environmental
Management SystemOHSAS 18001:2007 Health and
Safety Management System

CE Certificate

- 2006/42/ EC(Machinery)
- 2014/35/EU(Low Voltage)
- 2014/30/EU(Electromagnetic
Compatibility)

ISO 27001/2013 Information
Security Management SystemISO 9001:2015 Quality
Management System

TS ISO 8528-4

TS ISO 8528-5

TS EN ISO 8528-13

TS ISO 8528-8

AKSA JENERATÖR SAN. A. Ş.

PRODUCTS AND SERVICES

Diesel Generators

Gasoline Generators

Hybrit Generators

Cogeneration and Trigenation Systems

Lighting Towers

ABOUT US

Aksa Power Generation manufactures gasoline, diesel, natural gas and marine generating sets range between 1 kVA to 3000 kVA as well as lighting towers and generator hardware in the manufacturing facilities in Istanbul (Turkey 47.000 m² of indoor space), Changzou (China 120.000 m² of indoor space) and Louisiana (U.S.A., 10.000 m² of indoor space); and has become a leader and pioneer within the sector.

Aksa Power Generation exports sales to 173 countries and more than % 65 of its products and is among the top five global firms of the sector with 24 abroad offices in 19 different countries offices located in Central Asia, Asia Pasific, Europe, Africa and America.



SELECTED REFERENCES

Aviation Sector

İstanbul Grand Airport / Türkiye
Ghana Kotoka Airport / Ghana
Turkmenistan Airport / Turkmenistan
Chillicothe Airport Project / USA
Xian Airport Project / China
Ercan Airport / Cyprus
Adnan Menderes Airport / Turkey
Esenboğa Airport / Turkey

Health Sector

Prof.Dr.Murat Dilmener Field Hospital Project
Prof.Dr. Feriha Öz Field Hospital Project
More than 40 different countries

Data Center Sector

Turkey Republic's Ministry of Interior General
Directorate of Security Data Center Project
Turkcell Company İzmir Data Center Project
China , Asia and Europe more than 100 projects

Some Major Projects

Turkey Air Force and Army Projects
TWI Company
Coca-Cola Company
The Ashgabat Olympic Complex
Vodafone Group Plc Power Plant Project
The Lego Group Company
Aston Martin
Polimeks & Ronensans and many Construction
Companies projects

AMPER ELEKTRİK




PRODUCTS AND SERVICES


- ESE Lightning Arresters (Paratoners).
- Faraday Cage Materials.
- Copper Cladded Steel Earth Rods.
- Exothermic Welding Materials.
- Aircraft Warning Lights.
- Insulation Mats.
- Cable Lugs



 **Ahmet DOSTABAKAN**

 export@amper.com.tr

ahmet.dostabakan@amper.com.tr

 +90 444 87 83

 www.amper.com.tr

Year of Establishment

1962

Number of Employees

60

Export Since

2010

Export to 28 countries



CERTIFICATION

ISO 9001, ISO 14001, OHSAS 18001, IEC 62561-1,
IEC 62561-2, EC DECLARATION OF CONFORMITY



ABOUT US

Amper is one of the leading companies in the work area of Lightning Protection Systems, Earthing Systems, Exothermic Welding Systems and Aircraft Warning Lights with over 50 years of experience, operating with such a professionalism and quality which is approved by its clients.

Amper is one of Turkey's modern, established and innovative companies which has received the title of "Corporation" in 1972, and has undertaken procurements of many domestic and foreign projects.



SELECTED REFERENCES

Uae - Al Dabbiya Surface Facilities, Uae - Npcc (Uae Petroleum Company),
Qatar - Al Udeid Air Base,
Ghana - Kpone Thermal Power Plant, Iraq - 24X33/11 Kv Substation Project
Iraq - Al-Khairat Power Plant, Iraq - Nainawa Power Plant
Iraq - West Qurna Power Plant



 **Ertuğrul ERASLAN**
 e.eraslan@baran.tech
 +90 216 466 88 02
 www.baran.tech

Year of Establishment
2006

Number of Employees
15

Export Since
2010

Export to 8 countries



CERTIFICATION

CE document (Accredited Laboratory)
Certificate of domestic goods
Trademark registration certificate

BARAN TECHNOLOGY

BARAN ELEKTRONİK SİSTEMLERİ

SAN. TIC. VE LTD. ŞTİ.

PRODUCTS AND SERVICES

Main Products:Free Cooling : In air conditioner cooled places, if the outside temperature is appropriate Free Cooling is used cool inside by transferring the outside cool air into the room with a fan. Battery Backup: This is a DC UPS used in Mobile Operators sites. Baran Technology sold around 3.000 pieces and the MTBF is more then 70.000 hours. Baran Technology has the ability to design and produce battery backups in various voltages, currents, backup times according to the customer requests.

ABOUT US

BARAN TECHNOLOGY OVERVIEW

Baran Technology is an innovative R&D and manufacturing company, founded in 2006 and focused on designing and manufacturing electronic equipments for mainly Telecom & GSM Base Stations infrastructures. Main products of the company are Free Cooling Systems and Battery Backups. Baran Technology is an approved free cooling supplier of Vodafone Global (VPC). By its qualified R&D Department, Baran Technology has the ability to customize the products according to the customer's needs.

The outstanding advantage of Baran Technology is the qualified R&D Department that provides,

- Customizing the products according to the customer's requests very fast
- Recycling the old equipments or products
- Lowering the costs
- Adopting to new situations very easily.
- Producing at European Quality with very competitive prices
- Ensuring MTBF→ 70.000 hours



FREE COOLING SYSTEM



BATTERY BACKUP



BATTERY BACKUP

SELECTED REFERENCES

Turkey, Turkcell
Turkey, Avea
Turkey, Vodafone
Turkey, Turk Telekom
Azerbaijan, Azercell
Cyprus, KKTcell
Serbia, Telenor
Tajikistan, Babilon

Tajikistan, Megafone
Tajikistan, Tcell
Belarus, Live
Bosnia and Herzegovina, BH Telecom
Algeria, Djezzy

BORSAN



PRODUCTS AND SERVICES

Copper Conductor Power & Installation Cables
Aluminum Conductor Power & Installation Cables
Borsancavi Low Current & Special

Design Cables
Conductors, Wires & Rods
Borled Lighting Products & Electrical
Installation Materials




 Ziya AYDIN

✉ ziyaaydin@borsan.com.tr

export@borsan.com.tr

+90 212 210 52 62 - 63

 www.borsan.com.tr

Year of Establishment

1984

Number of Employees

397

Export Since

1988

Export to 56 countries



CERTIFICATION

ISO 9001, ISO 14001, ISO 18001, TSE, TSEK,
VDE, UL, CPR, EAC, REACH, RoHS, CE



ABOUT US

Ever since founded in 1984, Borsan has aimed a sustainable growth by closely following the advances in the industry. With sales headquarters located in Istanbul and factories consisting of 70,500 m² indoor area and 10,000 m² open space in Samsun OSB (OIZ) where modern production meets the cutting-edge automation infrastructure, Borsan is among the leading industrial enterprises of Turkey in 3 different areas of production; Copper, Aluminum and Low-Voltage Cables. Borsan has a monthly copper melting capacity of 1,200 tons, copper wire processing capacity of 1,000 tons, and the production of copper power and installation cables, natural and colored PVC granules in its facilities with a closed area of 30,000 square meters in Samsun.

Borsan, has not only the international and national certificates such as 'TSE, TSEK, VDE, UL, CPR, EAC, REACH, RoHS, CE' for its products in accordance with the domestic or foreign customer, but also it has the largest-scale UL Certificate in Turkey with 97 AWM Style certificates

of quality under the UL scope. Borsan continuously and consistently invests in R&D activities in all the industries it is active in order to achieve a world brand vision. Registered by the Ministry of Industry and Technology in 2018, Borsan R&D Center is the 3rd registered R&D center in Samsun and 1055th in Turkey. Borsan R&D Center is built on an area of 350m² and it not only features the largest Illumination Laboratory in all the Black Sea region, but Fire Test Laboratory, Metal and Polymer Laboratory as well. In those labs and departments, where special equipment, devices, gears and testing programs are employed, over 20 R&D engineers and research specialist personnel are working day and night.

Borsan will always be a proud brand growing and leading the way in Turkey with its long-term approach, quality of the highest order aimed at making a difference and strategic investments.

SELECTED REFERENCES

ELECTRICITY DISTRIBUTION COMPANIES

Boğaziçi EDAŞ (BEDAŞ)
İstanbul Anadolu Yakası EDAŞ (AYEDAŞ)
Aras EDAŞ Çamlıbel EDAŞ (ÇEDAŞ)
Aksa EDAŞ

GOVERNMENT AGENCIES

Aselsan
Ministry of Justice
General Directorate of Tea Enterprises
Ministry of National Defense Turkish Armed Forces (TSK)
Air Force Command
Mechanical Chemical Industry Corporation (MKEK)
Elektrik Üretim A.Ş. (EÜAŞ)
Türkiye Elektrik İletim A.Ş. (TEİAŞ)
İskenderun Demir Çelik A.Ş. (İSDEMİR)
İlbank A.Ş.
Special Provincial Administrations
6th Regional Directorate of Highways
General Directorate of Agricultural Enterprises
Provincial Directorate of Youth and Sports

CONSTRUCTION MARKET

Bauhaus
Happy Center

RESIDENCES

Bulvar Loft Ankara - Bursa Cadde 224 - Maryapı G-Yoo Güneşli - Metal Yapı Konut Blue Lake
Sinpaş Gyo Ege Boyu - Sinpaş Bosphorus City İstanbul - Dumankaya Mks - Dumankaya Ritim İstanbul
Dumankaya Adres Panaroma - Dumankaya Adres Su - Dumankaya Adres Natura İstanbul
Ağaoğlu My Towerland - Ağaoğlu My Home Maslak - Ağaoğlu Maslak 1453 - Viaport Venezia İstanbul
İstanbul İnnovia İspartakule - Garanti Koza İstanbul - Pruva34 İstanbul - West Side İstanbul
Emlak Konut Bulvar İstanbul - Kapital Gayrimenkul Maslak Square Ofis&Residence
Kiptaş Bayrampaşa Cezaevi Kentsel Dönüşüm - Kiptaş Vaditepe Bahçeşehir

INDUSTRIAL FACILITIES

Konya Şeker Factory
Amasya Şeker Factory
Mudurnu Beypiliç Factory
EDUCATIONAL INSTITUTIONS
Ardahan University
Tokat Gaziosmanpaşa University
Mardin Cizre Mektebim College
Diyarbakır Özel Maya College
Mersin Akib Zafer Çağlayan High School
Samsun Anadolu Öğretmen High School
Batman 24-Classes Boarding Primary School
Kocaeli Darıca 60.Yıl Primary School
Tokat Erbaa Dormitory for 300 Students
Konya Selçuk University Dormitory for 1000 Students
Muş Dormitory for 1000 Students

HOSPITALS

Kızıltoprak Medicana Hospital - Samsun Özel Anadolu Hospital - Samsun Özel Medicana Hospital
Afyon Dinar 1000-Bed State Hospital - Gülhane Military Medical Academy - Pendik Training and Research Hospital
Sinop Atatürk State Hospital - Zonguldak Devrek State Hospital - Konya Akşehir State Hospital

PUBLIC PROJECTS

Presidential Complex 3rd Airport - Yavuz Sultan Selim Bridge - Ordu Giresun Airport
İzmir Adnan Menderes Airport - Ankara Kesikköprü Youth Camp - Samsun Bafra Indoor Sports Hall
Elazığ Arıcak Government House - Eskişehir Fair and Congress Center - Eski Büyükdere Pier İstanbul
Mersin Toroslar Bus Station - Osmaniye Municipality Service Building - Giresun Çalıkbaşı HEPP

PRIVATE SECTOR PROJECTS

Divan Otel Mardin
Yeni Sivas 4 Eylül Stadyumu
İzmir Optimum Avm
İstanbul Hilltown Avm
Çiftçi Towers İstanbul



Faruk EMREAÇIK
faruk@deltaups.com
+90 212 639 22 73
www.deltaups.com

Year of Establishment
1991

Number of Employees
88

Export Since
1998

Export to 75+ countries



CERTIFICATION

ISO 9001, CE

DELTA UPS AND VOLTAGE STABILIZERS

PRODUCTS AND SERVICES

Uninterruptible Power Supplies, Servo Voltage Stabilizers, Static Voltage Stabilizers, Static Transfer Switches, Frequency Converters, Low Voltage Isolation Transformers

ABOUT US

In parallel of developing technology, every electrical/electronic equipment which we use in our daily life; need stable and clean energy. DELTA UPS&Voltage Stabilizers Inc., provides solutions to confront this demand.

Since 1991, located in state of art production plants in Turkey on a total covered area of 10.000 m2 with more than 150 employees, DELTA Inc. producing diverse power electronic solutions, and is one of the few companies in the world which could manage to combine quiet different product ranges, in its' manufacturing portfolio. We are already producing Uninterruptible Power Supplies, Servo Voltage Stabilizers, Static Voltage Stabilizers, Static Transfer Switches, Frequency Converters, Low Voltage Isolation Transformers.

Our manufactured products are getting incessantly developed and upgraded, thanks to our highly advanced R&D team skills, studies and works, held in firm cooperation with the Scientific and Technologic Research Council of Turkey. This enables Delta Inc. to clinch its' domestic and worldwide leader title in AVRs and get a highly respected position in World UPS market. Also it ensures highest flexibility in our production, to answer different customers' requirements from all over the World, according to different mains and electrical conditions across the globe.



SELECTED REFERENCES

- Azerbaijan Presidential Palace
- Azercell
- Lenkeran Football Stadium
- Pepsi Cola
- Dubai Airport
- Falkat Bottling Company
- Pamir Cola
- Super Cola
- Orascom Telecom
- Drug Pharmaceuticals Factory
- Southend Sweater Co.
- Mtn Telecom
- Cairo Airport
- Etisalat Telecom
- El Azhar University
- Egypt Armed Forces
- Faculty Of Medicine Alexandria
- Al Azhar Sayed Galad Hospital
- Tanta University Hospital
- Ain Shams El Demerdash Hospital
- Ain Shams Children Hospital
- Abo Elresh Hospital
- Cairo Cancer Institute Hospital

- Banha Hospital
- El Shabity Hospital
- Alfa Scan
- Toshiba Medical
- Egypt Public Library
- El Aamal Hospital
- Royal Hospital
- Sayed Galal Hospital
- Smouha Scan
- L Rahama Hospital
- Dr Mostafa Mahoud Hospital
- El Huda Scan
- Waddi El Tib Hospital
- Zahraa Hospital
- Alfa Scan Ltd
- El Doaah Hospital
- El Mokhtabar Lab.
- Elsafwa Hospital
- El Nouzha Hospital
- El Giza Hospital
- El Zqaziq Hospital
- Ethiopian Cable Co.
- Ethiopian Ministry Of Science And Technology

- Georgia Nephrology Development Clinic
- Geocell Ltd
- Ghana World Trade Center
- Us Embassy-Ghana
- Ghana Presidential Palace
- Standard Charter Bank
- Takoradi Mall
- Imf Project-Bali
- Rsud Duri Hospital
- Tidore Hospital
- Rsud Asembagus Hospital
- Rsud Polewali Hospital
- Rsud Ternate Hospital
- Agra Water Bottle Factory
- Solamanyah Hospital
- Ministry Of Health Baghdad
- Nestle Factory-Abidjan
- Kazakcell
- Azalae Hotels-Mali
- Nbc Coca Cola
- Nigerian Airspace Management Agency
- Philip Morris Co.
- Afiri Hospital-Rawalpindi

EDIT ELEKTRONİK

SISTEMLERİ SAN. TIC. LTD. STİ.

EDITELEKTRONİK

PRODUCTS AND SERVICES

- Parallel Voltage Stabilizers (up to 50.000 KVA)
- Static / Servo Type Automatic Voltage

Stabilizers

- Energy Saver Units
- Thyristor Controlled Battery Chargers
- Power Factor Correction / Reactive Power

Compensation Units

- Adjustable Voltage Sources
- Sag Generator / Compensator Units
- Low Voltage Dry Type Transformers
- Project Based Products



Eren Can TOPÇU

suleyman@editelektronik.com.tr

esm@editelektronik.com.tr

+90 216 622 62 22 / 0216 622 62 31

www.editelektronik.com.tr

Year of Establishment

1995

Number of Employees

47

Export Since

2005

Export to 37 countries



CERTIFICATION

ISO9001:2015, ISO 14001/2015, OHSAS 18001, CE

EMC, LVD, CMIM



ABOUT US

Edit Elektronik was established in 1995 in Istanbul / Turkey to manufacture power electronics products like voltage stabilizers, battery chargers, uninterruptible power supplies, static inverters, low voltage dry type transformers, adjustable voltage sources and power quality solutions.

Combining its 25 years of experience in the industry with a strong investment, Edit Elektronik developed Multi Master Parallel Voltage Stabilizer technology in 2015. A patented and unique solution, MultiMaster Parallel Voltage stabilizers are manufactured under the VOR brand as 50kva, 100kva, 200kva, 400kva, 600kva standard powers. VOR Regulators which are same power can be connected up to 16 pcs in parallel to increase total power.

Advantages of the Parallel Voltage Stabilizer Solution (VOR):

- * Patented and unique solution and we are the only manufacturer in the World.
- * Big advantage to be able to keep stock devices.
- * Directly stock delivery nearly for all demands.
- * Lowest shipping cost
- * To be unrivaled in the Market.

Advantages to work with Edit Elektronik;

- * Edit Elektronik has an unique patented technology
- * Being the pioneer of the industry in the field of electronic voltage stabilizer technology
- * Talented and experienced engineers & technicians & staffs
- * 25 years production, 15 years overseas marketing experience
- * Its own factory which has 3000m2 closed area
- * Participates 4-5 international exhibitions every year to show the new products in different countries.



SELECTED REFERENCES

Afghanistan Pepsi Cola, Cocacola, Geocell, Turkcell Turkey, Avea Turkey, Vodafone Turkey, Robi Bangladesh, Eagi Ltd Rwanda, Db Marina Hk, Huawei Datacenter Kenya, Tcdd Turkey, Sarit Center, Isbank Turkey, Ziraat Bank Turkey, Stanbic Bank Uganda, National Medical Stores Uganda, Grand Hyatt Hotels Tanzania/Ethiopia, Ipto Greece, Euro Cable Factory, Novamed Gmbh, Mcdonalds Saudi Arabia, Pacific Cigarette Company Zimbabwe, Ptt Turkey, Jti Malawi, Tubitak, Qua Granite Factory



Ruhsar TUNABOYLU

ruhsar.tunaboylu@elektra.com.tr

export@elektra.com.tr

+90 212 886 20 80

www.elektra.com.tr

Year of Establishment

1982

Number of Employees

122

Export Since

2002

Export to 60+ countries



CERTIFICATION

GOST

IRIS

ISO9001

ISO14001

OHSAS 18001

TSE

UL (For Reactors)

ELEKTRA ELEKTRONIK

PRODUCTS AND SERVICES

Low Voltage Dry Type Transformers:

Isolation Transformers
Medical Transformers

Low Voltage Reactors:

Harmonic Filter Reactors
Line Reactors

Power Factor Correction Solutions:

LV Capacitors

Thyristor Modules

Harmonic Solutions:

Sine Filters

Passive Harmonic Filters

Active Harmonic Filters

Medium Voltage Harmonic Filter Reactors

ABOUT US

Our company, ELEKTRA Electronics is manufacturer of dry type transformers, reactors and active, passive harmonic filters in Istanbul/Turkey. In the Turkish Electronic Industry our company have been recognized as one of the pioneer R&D Companies with its unique experience and expertise. Our product range is from 25VA to 1600kVA. We are manufacturing Control Transformers, Safety Isolating Transformers, 3phase Transformers, Harmonic Reactors and Line Reactors, MV Air and Iron Core Reactors, Discharge Reactors, Chokes and Transformers for Railway application, sinus filters, passive / active harmonic filters.

Also, we are the approved manufacturer of SIEMENS and ALCATEL companies in Turkey. We produce with their labels for more than 15 years.

Elektra provides solutions throughout Turkey and across the world and also is known as a major export company has offices in Germany and China. Elektra has a portfolio more than 50 countries like Germany, Belgium, Serbia, Spain, Czech Republic, Lithuania, Netherlands, Poland, Hungary, Croatia, France, UK, Ireland, Israel, UAE, Egypt, Saudi Arabia, Iran, Lebanon, Jordan, Estonia, Russia, Ukraine, Bahrain, China, South Africa, Kenya, Canada, Mexico, South Korea, Philippines etc., All our transformers and reactors are with CE and according to EN61558 standard.



SELECTED REFERENCES

Siemens Turkey: Control Transformers and Harmonic Reactors
 Schneider Electric Turkey: UPS Isolation Transformers up to 1000kVA
 ABB Turkey: Harmonic Reactors
 Karel A.S.: Ferrite Core High Freq. Transformers
 DMG Mori Seiki: Machine Isolation Transformers multi up to 100kVA
 Turkish Telecom: Rectifier Isolation Transformers
 SINAI CEMENT Plant EGYPT : Isolation Lighting Transformers
 6x160kVA
 5x100kVA, 1x50kVA, 8x10kVA, 5x15kVA, 52x400VA
 EREGLI Steel Industry : Panel Isolation Transformers multi up to
 40kVA
 Konya – Ankara Speed Train : Signalisation Transformers up to 120kVA
 MAS CEMENT Plant SUDAN : Isolation Lighting Transformers
 3x160kVA
 2x100kVA, 2x50kVA, 3x15kVA
 BP Petrol Platform Azerbaijan : Isolation Transformers multi up to
 30kVA
 Turkish Railway Organisation : Isolation Transformers multi up to
 160kVA
 AL-SHAMAL Cement SUDAN : Isolation Lighting Transformers

3x160kVA
 5x100kVA, 1x20kVA, 9x15kVA
 Turkish Passenger Coach Ind. : Isolation Transformers multi up to
 250kVA
 TEB Bank Data Center : Isolation Transformer 2x500kVA
 Halkbank Data Center : Isolation Transformer 2x1000kVA, 2x200kVA
 Medipol Hospital: Isolation Transformers multi up to 60kVA
 EHKAM Cement SUDAN: Isolation Lighting Transformers 5x160kVA
 2x100kVA, 1x50kVA
 ICF Airport Antalya: Isolation Transformers 2x220kVA
 Izmir Adnan Menderes Airport : Isolation Transformers 1x100kVA,
 1x320kVA
 Dubai Airport UAE: Control Transformers multi up to 1000VA
 FOCQUET Motor BELGIUM : Isolation Transformers multi up to 630kVA
 China South Railway CHINA : Converter Transformers and Chokes 200
 sets
 FUHAIS Cement JORDAN : Isolation Lighting Transformers 1x160kVA,
 1x20kVA
 BENI SUEF Cement EGYPT : Isolation Lighting Transformers 1x100kVA,
 1x15kVA

ELKIMA TRANSFORMER




PRODUCTS AND SERVICES

- Oil Immersed Transformers upto 36 kV and 30MVA
- Cast Resin Transformers upto 36kV and 5MVA

- Arc Furnace Transformers
- Industrial Transformers
- Magnetic Controlled Reactor
- Custom Made Special Design Tansformers



 **Elchin HASHIMOV**

 trade@elkima.com.tr

elkima@elkima.com.tr

 +90 232 877 09 89

 www.elkima.com.tr

Year of Establishment

1991

Number of Employees

100

Export Since

2001

Export to 19 countries



CERTIFICATION

ISO:9001, ISO14001, ISO:18001, KEMA DNV, IPH,
VEIKI,GOST-R,ABS,SASO



ABOUT US

Elkima Transformer Company was established in 1973 as contracting company. In 1991 ELKIMA started transformer manufacturing. Since more than 26 years ELKIMA producing various transformers for different countries, climatic areas and electricity grids. Growing experience brings worldwide success and continuous development. ELKIMA transformers are successfully operating more than 56 countries of the world. Evaluating customer demand and application conditions ELKIMA

combines it with International Standards and delivers most suitable products. Concern about environment and safety drives ELKIMA to be focused mostly on Energy Efficient and Safe Operated products.

This philosophy and application highly appreciated by leading utilities and companies of the world. As a result ELKIMA keeps growing with increasing prestige."



SELECTED REFERENCES

GE,
Ministry of Defence - Australia,
Ministry Health - Pakistan,
Ministry of Energy - Ghana,

EDCO
Tedaş - Turkey.



Talha COSKUN / Orhan YILMAZ

pazarlama@eltepano.com

talha@eltepano.com

+90 216 484 06 66

www.eltepano.com

Year of Establishment

2004

Number of Employees

102

Export Since

2007

Export to 8 countries



CERTIFICATION

ISO 9001:2008

ISO 14001

OHSAS 18001

EN3834

EN15085

IEC61439

IEC62271-200

UL508A TYPE4

cUL508A

DNV-GL

BUREAU VERITAS MODE II

ELTE PANO ENCLOSURE SYSTEMS

PRODUCTS AND SERVICES

Low voltage assembled electrical enclosures, Free standing enclosures, Wall mounted enclosures, aluminium enclosures, Stainless steel enclosures , Medium voltage metal clad switchgears , Medium voltage metal enclosed switchgears

ABOUT US

ELTE PANO is one of the leading and fast growing companies in enclosure sector in Turkey with its machinery and technologic structure, qualified and skilled personnel and increasing production capacity. Our policy is to create " on time , high quality products and solutions with best price level " to our customers and gain trust with our promised service.



SELECTED REFERENCES

Istanbul Gebze - Halkalı station electrical panels
Okmeydanı and Goztepe SSK hospital room electrical panels
MEDIPOL Pendik Hospital electrical panels
Turkish Telecom Field Cabinets
Qatar Doha Rail Project ATS Enclosures
Qatar Doha Marine Dock Supply Unit Enclosures
Turkmen Energo Medium Voltage Metal Enclosed and Metal Clad Switchgears

ENEL ENERGY ELECTRONICS CO.



PRODUCTS AND SERVICES

- Uninterruptable Power Supplies (UPS)
- Rectifiers & Chargers
- Inverters: Solar & Industrial
- Hybrid Power Supplies (UPS): Integrated UPS systems with renewable power sources
- Voltage Stabilizers
- STS (Static Transfer Switch) Systems
- IT Insulation Panels: Special designs for Hospitals Intention Care Units
- Frequency Converters
- Phase Convertors: designed for Railway Applications
- LV Dry Transformers
- Specific Power Solutions in accordance with end-user's technical requirements



Murat YAVER



info@enel.com.tr

export@enel.com.tr



+90 216 444 18 56



www.enel.com.tr

Year of Establishment

1988

Number of Employees

254

Export Since

2000

Export to 6 countries



CERTIFICATION

ISO9001, ISO14001, OHSAS18001, ISO27001, TSE,
EC Declaration, EAC (GOST), LVD Declaration, EMC
Declaration, SONCAP,



ABOUT US

Established in 1988, ENEL is the leader Turkish manufacturer of Power and Energy Systems & Solutions

ENEL owns the largest factory in Turkey specialized in UPS and energy systems manufacturing with total production area of 50.000 m² and 200 employees

ENEL invests intensively in research and development of innovative products and solutions with the R&D department

ENEL exports our products to more than 76 countries.

All production processes are performed in our modern factory based in Kütahya city, starting with the construction of metal frames and cabinets, plastics injections, coating and painting process, design and production of

PCBs, assembling and testing which makes us 100% reliable company applying higher standards for after-sales services.

ENEL Energy is the only 100% local manufacturer of Modular UPS systems in Turkey.

ENEL provides customized designs and production based on clients technical specifications and requirements.

All manufacturing processes are in accordance with international standards and certifications.

ENEL has ISO9001, ISO14001, OHSAS18001, ISO27001, TSE, EC Declaration, EAC (GOST), LVD Declaration, EMC Declaration, SONCAP certifications.

All manufactured products are tested and complying with the EMC and LVD directives.



SELECTED REFERENCES

IGA (Istanbul Grand Airport), Ashgabad Airport, Ashgabad Olympic Village, KKC Marmaray, Aselsan, Knauf Factory, Musul University Hospital, Socar Az, Alstom TCDD Signalization, Siemens Ag, Ministry Of Justice, Ministry Of Health, Philips Medical, Toshiba Healthcare, GE



Yussouf NAHAYO
info@enerser.com.tr
export@enerser.com.tr
+90 224 441 24 41
www.enerser.com.tr

Year of Establishment
2008

Number of Employees
18

Export Since
2012

Export to 8 countries



CERTIFICATION

TS 18001-2007
OHSAS 18001
TS EN ISO 9001-2015
TS EN ISO 14001-2015
ISO 10002-2004

ENERSER

PRODUCTS AND SERVICES

We supply and export LV/MV/HV Electrical materials such as: LV Panels, Capacitor Bank Panels, Metal Enclosed Switchgear, Prefabricated Metal and Concrete KiosksTransformers, all products of Solar Energy Systems, Generators, Electric cables, Solar Lighting, Street Lighting Poles and Lighting Systems, UPS, Voltage Stabilizer and Rectifier/ Battery Charger, Safety equipment, Earthing equipment etc...

ABOUT US

ENERSER LTD Company was established in March 2008. Headquarters located in Bursa/ Turkey. We are a trading company with a good reputation and experience in this sector. We do collaborate with elite manufacturers to supply quality products in Turkey and all over the world.

Apart from supplying and exporting materials, we are also Contractors and we have attended several projects in Turkey and abroad.

By Contracting with ENERSER LTD. We guarantee a professional service and stand by our customer side from the initial inquiry, transportation, till the completion of the project. We give priority to all projects and we support our customers with the necessary technical documents to win a project or a tender.

In the last 5 years, ENERSER LTD. is focusing on Exportation with an experienced team who speaks (English, French, and Arabic) Our Export department collects and exports products from different sectors according to customer needs and specifications.

“ALL YOUR NEEDS FROM SINGLE SOURCE”.

The aim is to develop our Sales and Services without sacrificing quality and keep our customer's satisfaction at the highest level.



SELECTED REFERENCES

Electrical and electronic equipments Markets and
Commercial Buildings in Rwanda
Sites and Factories in Burkina Faso
Twins Towers Buildings in Libya
Army buildings in Kosovo
Equipment of electric distrubution in Sierra Leone

ENTES

ELEKTRONIK CİHAZLAR İMALAT VE TİCARET A. Ş.



PRODUCTS AND SERVICES


Power Factor Controllers
Network Analyzers
Plug&Meter Compatible Network Analyzers
Power and Energymeters
Multimeters
Transducers
Ammeters / Voltmeters / Frequency Meters
Current Transformers
Power Capacitors
Shunt Reactors
Harmonic Filters
Multifunctional Time Relays

Astronomic Time Relays
Time Relays
Phase Failure / Phase Sequence Relays
Thermistor Relays
Current Monitoring Relays
Voltage Monitoring Relays
Liquid Level Controllers
Daylight Switches
Overcurrent Protection Relays
Power Supplies
Energy Management Softwares (Cloud & On
Premise)
Remote Monitoring Hardwares



 **Faik EREM**

 contact@entes.eu

 +90 216 313 01 10

 www.entes.eu

Year of Establishment

1983

Number of Employees

350+

Export Since

1985

Export to 110+ countries



CERTIFICATION

ISO 9000, IQNET, CE, IEC, KEMA KEUR,

UL, GOST-R, MID



ABOUT US

ENTES is an European leading technology brand that offers solutions on energy efficiency and energy quality Wherever Energy Is since 1980.

ENTES has been developing unique solutions for 40 years, which is the result of its power in the R&D area.

ENTES offers unified Energy Management Solutions for efficient, high quality and sustainable energy management experience at facilities.

Thanks to the cloud technologies it developed, ENTES pioneered new concepts in technology such as the IoT and Industry 4.0.

ENTES produces software and hardware products in the state-of-the-art facilities, markets them to more than 110 countries, as well as offering after-sales services.

Solutions offered by ENTES cover an extensive process from analyzing the energy to protecting and inspecting the machinery.

Industrial facilities, commercial buildings, as well as institutions and plants related to energy, in other words, every facility wherever energy is used, is amongst the primary users of solutions by ENTES.

The UX and UI design capabilities and investments in these areas make ENTES completely different from its competitors. ENTES has registered the results of these studies with international awards.



SELECTED REFERENCES

Alibaba, Toshiba ,Baghdad Babylon Mall , State Company of the Electricity Distribution for North/Mosul, Sütaş Süt Ürünleri A.Ş., NG Kütahya Seramik, Çetmen Mobilya A.Ş., BAT, Vestel, Evyap, Hema, Rönesans, Migros, Denizbank, Yapı kredi, Gediz, Aydem, Finansbank, Defacto, Allianz, Tat, Ford, Mey, Hayat Kimya, Kesk, Dünyagöz



Ertuğrul SÖZMEN
sales.mea@epc.com.tr
sales@epc.com.tr
+90 216 499 54 84
www.epcas.com.tr

Year of Establishment
2006

Number of Employees
45

Export Since
2006

Export to 11 countries



CERTIFICATION

ISO 9001:2015
ISO 14001:2015
UPS : IEC62040-1, -2
STS : IEC62310-1, -2, -3
RECTIFIER : IEC60335-1,
-2, IEC61204-1, -2
INVERTER: IEC62040-1, -2
FREQ. CONVERTER: IEC62040-
1, -2

EPC ENERGY & POWER CONVERSION

PRODUCTS AND SERVICES

SD Series Rectifier

SDI Series IGBT base
bidirectional rectifier

INVERTA Series Static Power
Inverter

STS Series Static Transfer
Switch

GC Series Industrial UPS

PL Series UPS-3Ph

FC Series Static Frequency
Converter

t-CON Series Static Voltage
Stabilizer

OVR Series Automatic Voltage
Stabilizer

BR Series Rectifier/DC UPS

HI-RECT Series Rectifier/
Battery Charger

HS Series Line Interactive
UPS-1Ph

SLI Series Tower Online UPS-
1Ph

SLR Series Rack Online UPS

PLT Series UPS

PLRM Series Modular UPS

ABOUT US

EPC Energy was established in 2006 by Ertugrul Sozmen, co-founder of Turkey's first Power Electronics Company established in 1977, together with experienced executives and engineers from this company.

As EPC Energy, we promise our customers high quality, endurance and innovation at affordable prices. We are one of the top players in the industry and with 45 years of experience, we produce high quality products backed by excellent worldwide service. We would also like to remind you that, most of our products may be tailor-made specific to your energy requirements.

EPC Energy has strong local and international business partnerships. One of our major business partners is ABB. We are the exclusive distributor in Turkey of power protection units; such as, UPSs.



SELECTED REFERENCES

ABB Elektrik Sanayi
AGE Insaat
Agdaş
Aksa Enerji
Andritz Hydro
ARTAŞ Endüstriyel
Aquamatch
Başkent Elektrik
Bereket Enerji
Botaş
Cengiz Enerji
Çalık Enerji
İltu Isı Sanayi
E.ON

EnerjiSA
Enka
Eti Bakır
Exxon Mobil
FGC
Fina Enerji
Gama Enerji
Gama Kimya
GE Grid Solutions
Gemak
GES Elektrik
Imtech
ISS
Inform

İstanbul Energy
Joulz
Karadeniz Enerji
Karsan
Kesir Mühendislik
Kolin Insaat Kontrol
Matik
Lafarge Aslan Çimento
Maximum Power
Merto Elektrik
Metag Insaat
Micro Chemie
Petkim
Pınar Mühendislik
Powin Energy

Rotopaş
Santel Emaye Bobin
Schneider Elektrik
Savronik
Siemens
Soyut Wind
TAQA
Tofaş
Turkcell
Türk Telecom
Ulusoy Elektrik
Vita Yapı
Yüksel Insaat
Zafer Insaat

ERSE KABLO



PRODUCTS AND SERVICES

Erse's product range includes coaxial, signal control, fire resistant, telecommunication, data transmission, control cables. Erse has an extending vision with the brands of Ervital in the fire resistant product groups, Erflex in the control cables group, Erline in the lan cables group.

- Ervital Fire Resistance Cables
- Erflex Control Cables
- Signal & Control Cables
- Erline Data & Transmission Cables
- Coaxial Cables
- Telecommunication Cables



Ergun ÇOBAN



sales@ersekablo.com.tr

erguncoban@ersekablo.com.tr



+90 212 320 26 80



www.ersekablo.com.tr

Year of Establishment

1996

Number of Employees

246

Export Since

2002

Export to 50 countries



CERTIFICATION

VDE, ISO 9001, ISO 14001, ISO 18001, LPCB, TSE



ABOUT US

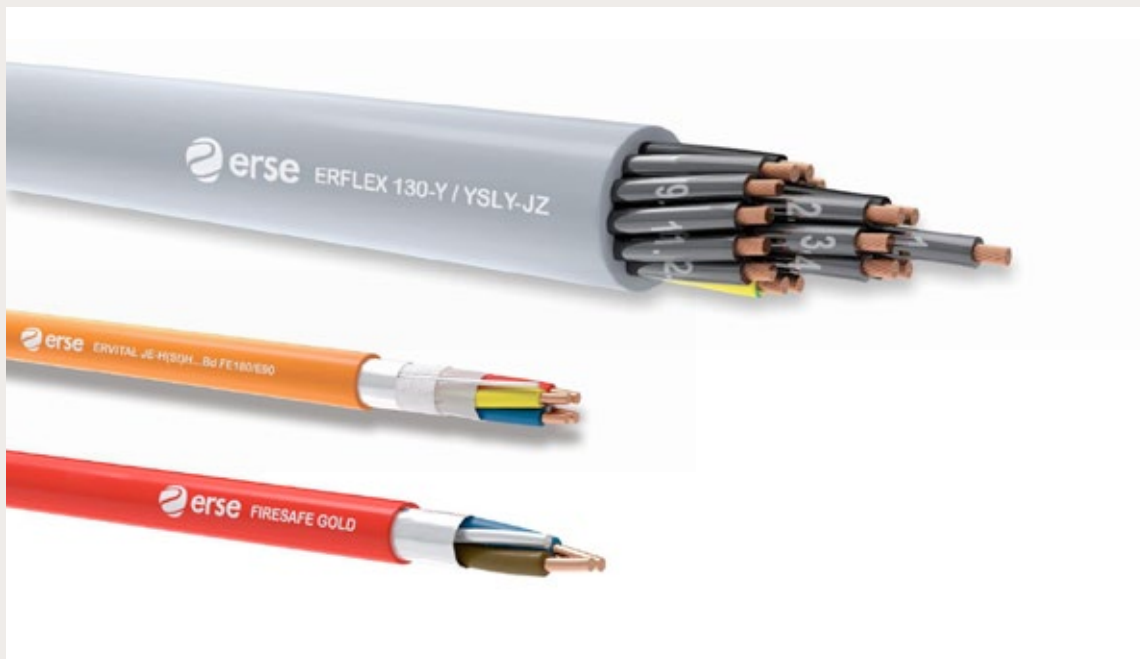
Erse operates in its head office and modern manufacturing facilities in Istanbul and takes care of the satisfaction of all its stakeholders with its products, quality service and confidence. It carries out its manufacturing and logistics operations with modern and quality service approach in its facilities in Silivri, İstanbul founded on a total area of 25.000 m² consisting of a closed area of 20.000 m².

Erse's product range includes coaxial, signal control, fire resistant, telecommunication, data transmission, control and special cables.

Erse has a manufacturing approach that meets the requirements of national and international standards and total quality consciousness are taken into consideration at every stage in manufacturing; and it supports this approach through the personal develop-

ment and technical training that is organized in order to provide sustainable quality, improve the quality system and increase employee competence.

Erse has developed and documented ""Integrated Management System"" (ISO 9001, ISO 14001, ISO 10002, ISO 45001) within the framework of a work approach complying with the environment consciousness and the quality standards since its establishment. Manufacturing the products based on national and international standards, Erse has the product certificates in the norms of "TSE, VDE, MPA, LPCB, REACH, RoHS, CE (LVD, CPR) and SASO".



SELECTED REFERENCES

Marmaray CR3 Project,
Khabat Thermal Power Plant Units 1&2 and Bazyan
400kV Substation,
V.Filanovskogo field Ice-resistant fixed off-shore
platform (IFP-1),
840 MW Combined Cycle Thermal Power Plant,
Ojsec Naftan - Extension of the Novopolotsk Refinery,

Swiss Federal Roads Office Geneva Bypass 4800 mt.
Tunnel Project,
2610MW Wassit Power Plant Phase II,
750 MW Simple Cycle Gas Turbine power plant
-Sonelgaz,
Project ASPTN Eastern
Khazar / Tank Farm



Ebru TOPLU

e.toplu@federal.com.tr

federalexport@federal.com.tr

+90 264 291 45 00

www.federal.com.tr

Year of Establishment
1990

Number of Employees
400

Export Since
1994

Export to 60 countries



CERTIFICATION

ISO 9001

ISO 14001

ASTA

KERI

INTERTEK

IPH

TSE

IHP

RoHS

BÜSTYAL

CE

DEKRA

FEDERAL ELEKTRİK

PRODUCTS AND SERVICES

PRODUCTS AND SERVICES

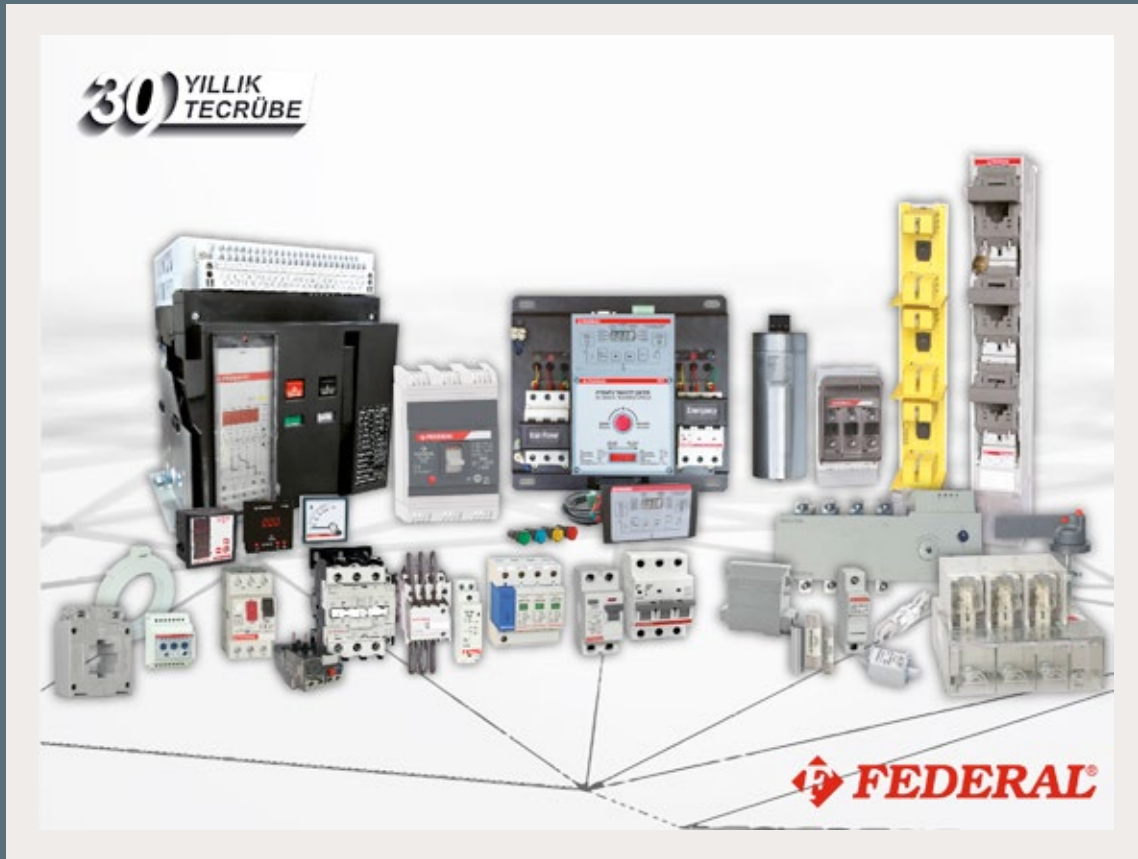
Molded Case Circuit Breaker, Air Circuit Breaker, Earth Leakage Circuit Breaker, Miniature Circuit Breaker, Toroid and Rectangular Transformer, Automatic Transfer Switches, Residual Current Devices, Isolator, Installation Contactor, Earth Leakage Protection Relay, Impulse Relay, Surge Protective Device, Power Contactor, Capacitor Contactor, Harmonic Filter, Shunt Reactor, Motor Protection Switch, Thermal Overload Relay, Power Capacitor, Current Transformer, Measurement Device, Cam Switches, NH(H.R.C.) Fuse & Base, J Type Fuse & Base, Cylindrical Fuse & Base, Fuse Switch Disconnecter, Fuse Rail, Load Break Switch, Capacitor Bank, Cut-Out Panel, SMDB, DB, Fiberglass Polyester Cabinets, MDB, Relays, Signal Lamps, Plugs & Sockets, Gas Meters

ABOUT US

As a member of the Federal Group, Federal Elektrik was established in 1990, is active in the areas of low voltage automation and switchgear equipment manufacturing sector. The activities enabled the Federal brand to be registered in 2008 as a world-renowned brand.

Federal Elektrik produces 4.000 products and 35.000 different parts in its facilities which are established in an area of 25.000 m² and exports 50% of total production to over 60 countries all around the World. Federal Elektrik is also approved manufacturer in electricity distribution utilities of over 30 countries.

R&D Center with an experienced history and the culture of successful projects, has been registered as one of the first 1000 R&D centers by Turkish Science, Industry and Technology Ministry. In addition to the expectations of our industry, we will start to work on smart products, green energy and energy efficiency.



SELECTED REFERENCES

Federal Elektrik is approved vendor of below given Electricity Utilities and sell its products to them for more than 2 decades..

1. All Electricity Distribution Utilities in Turkey
2. Afghan Electrical Power Corp. (Afghanistan)
3. Socar (Azerbaijan)
4. Abu Dhabi Water and Electricity Authority (UAE)
5. Dubai Electricity & Water Authority (UAE)
6. Federal Electric & Water Authority (UAE)
7. Energo Pro (Bulgaria)
8. CEZ Electro (Bulgaria)
9. Egyptian Electricity Transmission Company (Egypt)
10. Ethiopian Electricity Company (Ethiopia)
11. Tbilisi Electric Grid (Georgia)
12. Perusahaan Listrik Negara (Indonesia)
13. Kıbrıs Türk Elektrik Kurumu (Turkish Republic of Northern Cyprus)
14. Kosovo Electric Distribution Company (Kosovo)
15. KPLC (Kenya)
16. General Electricity Company of Libya (Libya)
17. Tenaga Nasional Berhad (Malaysia)
18. Nepal Electricity Authority (Nepal)
19. Karachi Electric (Pakistan)
20. Energia de Portugal (Portugal)
21. Kahramaa (Qatar)
22. Saudi Electricity Company (Saudi Arabia)
23. Elektro Maribor (Slovenia)
24. Ceylon Electricity Board (Sri Lanka)
25. Tunisian Company of Electricity and Gas (Tunisia)
26. Petroleum Development Oman (Oman)
27. National Administration of Power Plants and Electrical (Uruguay)
28. Irbid District Electricity Company (Jordan)
29. Jordanian Electric Power Company Limited (Jordan)
30. Electricity Distribution Co. (Jordan)
31. Vietnam Electricity (Vietnam)

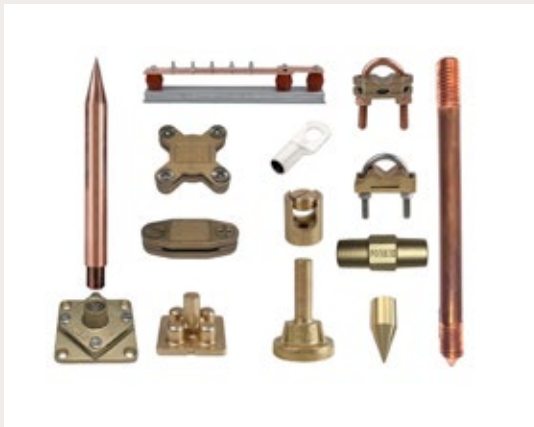
FOREND



PRODUCTS AND SERVICES

Early Streamer Emission Lightning
Conductors,
Simple Rods,
Surge Arresters,
Lightning Strike Counter,
Exothermic Welding Systems,
Down Conductors, Earth Rods,

Fixing Clamps, Cable Lugs,
LED Beacon Lights



 **Gökhan AKMAN**

 export@forend.com.tr

g.akman@forend.com.tr

 +90 212 291 51 63

 www.forend.com.tr

Year of Establishment

2003

Number of Employees

65

Export Since

2003

Export to 55 countries



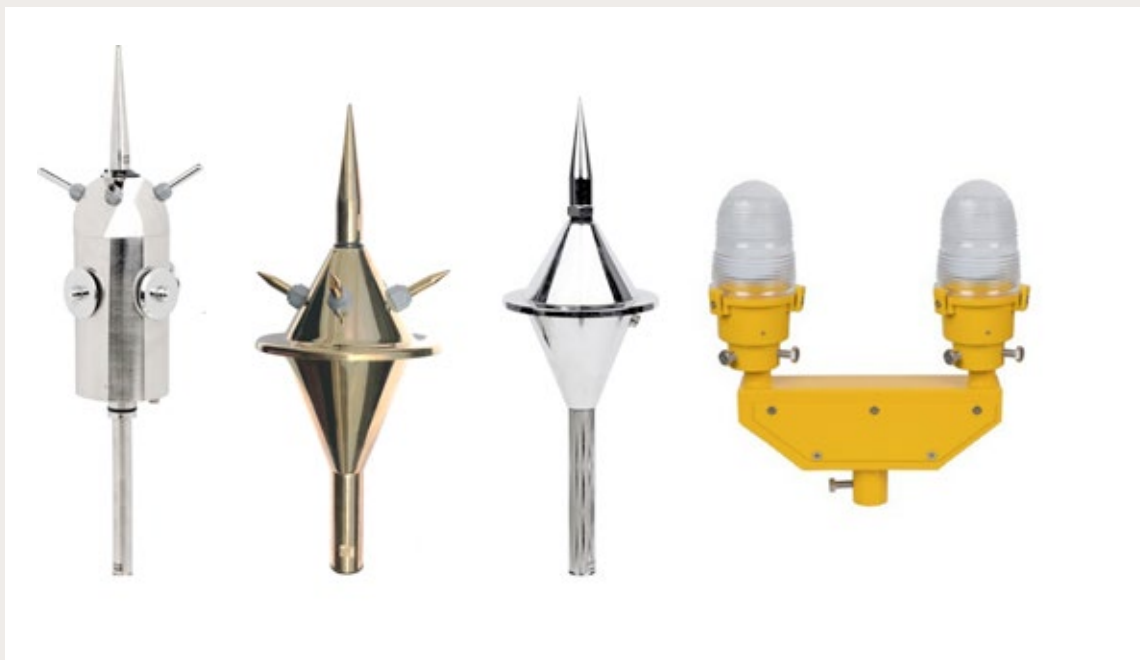
CERTIFICATION

ISO 9001, ISO 14001, ISO 18001, ISO 27001, ISO 10002



ABOUT US

FOREND is the manufacturer and exporter of premium quality lightning protection and earthing material from Turkey. Forend targeted the best qualities for its products that makes it more suitable to markets requirements, by keeping up with the technological developments related to Lightning protection industry and continuously developing and broaden its product range. Our products have been approved for quality by foremost laboratories and we possess all the necessary certificates for internationally recognised standards such as NFC 17-102, EN 62305, EN 62561, ICAO Annex 14.



SELECTED REFERENCES

- Government Administration Building, Wheeling, IL, USA
- Hyundai Motor Co., Industrial Zone of Kamenka, St Petersburg, Russia
- Sotuver Factory, Djebel El Ouest, Zaghouan, Tunisia
- Hospital LM de la Vega Moreno PCIA, Buenos Aires, Argentina
- National Facility Thermo-Electric Power Station Maritza Iztok, Bulgaria
- Suleymaniyah International Airport, Iraq
- Kapchagay Solar Power Plant, Kazakhstan
- Zayed National Museum, Abu Dhabi, UAE



Hatice SÖĞÜTDERE

hatice@gucbirgenerator.com

onur@gucbirgenerator.com

+90 216 312 79 79

www.gucbirgenerator.com

Year of Establishment

2006

Number of Employees

148

Export Since

2006

Export to 29 countries



CERTIFICATION

CE - GENERATOR,
CE- ALTERNATOR,
ISO 9001-2015,
ISO 14001-2015,
ISO 10002-2014,
ISO 25051-2015,
ISO 45001-2018,
TSE - TS ISO 8528-5,
TSE - TS EN 60034-1
TSE - TS ISO 8528-4,
TSE-HYB,
SSHYP,
1500 Hours Salt Test,
GOST,
EAC,
Industrial Registry Certificate,
Manufacturing Sufficiency
Certificate,
Trademark Registration
Certificate

GUCBIR GENERATOR

PRODUCTS AND SERVICES

- Diesel Genset
- Gasoline Genset
- Alternator
- Light Tower
- Hybrid Power Systems
- Marine Generator
- Trailer Generator
- Automatic Transfer Switch
- Synchronization Panel

ABOUT US

Gucbir Generator is one of the biggest generator manufacturer between 15 kVA- 2500 kVA with highest technology and well skilled laborship in Turkey. Gucbir Generator is one of the most welcomed companies in power generator sector World wide than exporting to over 90 countries. The company is approved and produces in accordance with ISO, OHSAS quality standards and has acquired European Conformity Standard, CE Certificate and TSE Quality Certificates for Gensets between 15 kVA to 2500 kVA which brings flexblty and customer based production abilities.



SELECTED REFERENCES

Turkcell, Azercell, Bakcell, Ericsson, Paltel, Ministry Of Health / Turkey, Ministry Of Education / Turkey, Ethiopian Ministry Of Education, Bangladesh Ministry Of Defense, Turkey Ministry Of Defense, Turkmenistan Ministry Of Education, Karabuk Iron And Steel / Turkey, Eti Chrome / Turkey, Kroman Stainless Steel / Turkey, Pakmaya / Turkey, Mauritania Snim, Mauritania Somelec, Turkey Eidaş, Azerbaijan Socar, Hyundai, Bulgarian National Electric Company, Georgian Central Bank, Ethiopian Commercial Bank, Rönesans Holding / Turkey, Esta Construction / Russia, Ramco Construction / Azerbaijan, Yuksel Construction / Russia

İNDEKS A.Ş.



PRODUCTS AND SERVICES

Motoryatch production and service
Generator production and service
Forklift production and service
Truck production and service
Bus production and service
Heavy truck production and service
Crane production and service

Caravan production and service
Power Plant production and service
UTV, ATV production and service
Snowmobile production and service
Armored Vehicle production and service
Electrical vehicle production and service and
all of them rent
Special army projects



Abdulkadir UZUN



abdulkadiruzun@indeks.com.tr

ozelkalem@indeks.com.tr



+90 232 328 19 80 / +90 232 328 19 01



www.indeks.com.tr

Year of Establishment

1996

Number of Employees

38

Export Since

1999

Export to 10+ countries



CERTIFICATION

TSE, Nato Confident Certificate,

Plant Security certificate,

Domestic Goods certificate, Capacity Certificates,

Manufacturing Competency Certificate,

Service Competency Certificate (REGISTER NO: 6806)

TSEK , Iso 9001



ABOUT US

INDEKS INC. was established in 1996 as a family-owned enterprise. In 2012, the factory was moved to a new area which is 55.000 m2 in Ulukent Industry Area.

There are Truck and Bus Factories, Generator Factories, Heavy Equipments, Forklift and Battery Factories, Ship and Motor Yacht Factories within the scope of the factory.

In addition to these factories, Indeks INC. has a production plant which produces Special Projects for Armed Forces and Special Type Cranes for Ports.



SELECTED REFERENCES

Iraq Ministry Of Health, Turkey Ministry Of Electricity, Us Army Afganistan, Ksa Macca Minusipilaty, Iraq Endustriy Ministry, Us Army Iraq Bagram Camp, Turkey Istanbul Gold Center, Turkey Istanbul Metro, Us Army Herat Airport, Inanalar Construction, Corps Of Enginners, Afganisthan Nato Military, Astana Stadium, Han Tent, Gs Arena Stadium, Turkey Ministry Of Health, Turkey Ministry Of Defence, Us Army Payne Camp, Eti Mining.



İlker AYDIN



info@ilk-el.com.tr



+90 212 264 37 37 PBX



www.ilk-el.com.tr

Year of Establishment

1974

Number of Employees

33

Export Since

1990

Export to 10 countries



CERTIFICATION

OHSAS 18001

ISO9001:2015

ISO14001:2015

ISO 45001:2018

ISO 27001:2013

Türksat approved supplier
certification

GOST-R

ILK-EL ELEKTRİK

PRODUCTS AND SERVICES

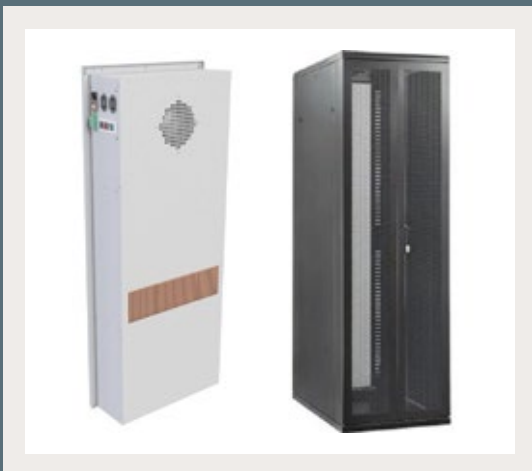
Certificated Designer &
Manufacturer of Low Voltage
Switch gears
Approved supplier of
Outdoor cabinets for
Telecom infrastructure

Customized Kiosks,
Vending machine
Turn-key solution provider
for MCC, PLC and SCADA
systems

ABOUT US

ILK-EL ELEKTRİK Ltd. Co. was founded in 1974 and is a partner of Schneider Electric. The company operates in its own 3,500 m² plant, situated at Istanbul Seyrantepe, and now building 10,000 m² second plant in Istanbul Organized Industrial Zone ITOSB.

ILK-EL ELEKTRİK is a customer oriented company providing fast and efficient solutions. ILK-EL ELEKTRİK is proud of providing its customers with a high-end quality products using a cutting edge technology, at a reasonable price with its vast experience in electrical industry. The company operates with a strict health and safety regime and has an excellent safety record to date. All our employees are trained to the highest standards and safe work practices and we comply with all current HSA legislation.



SELECTED REFERENCES

Vodafone Besiktaş Football Club Stadium LVD panels.
Various Vodafone datacenter LVD panels
IKEA Shopping Mall Ekaterinburg LVD panels.
Turksat telecom infrastructure panels.
Food stores chains Burger King, McDonalds, Starbucks LVD panels
Istanbul Municipality RVM Reverse Vending Machines.
Metro Gross Market metal made end-user products
Ticket Vending Machines Istanbul Subway

KIRAÇ METAL



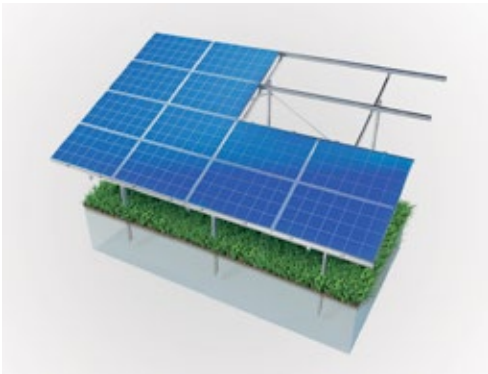
PRODUCTS AND SERVICES

Cable Tray Management System

- Cable Trays
- Cable Ladder
- Trunking

Low Voltage Enclosures

- Wall Mount Enclosures
- Floor Standing Enclosures
- It & Rack Cabinets
- Stainless Steel Junction Boxes
- Telecommunication Boxes



Solar Metal Construction

- Ground Type Construction
- Roof Type Construction

Greenhouse Steel Construct

Tolga UMUT

tolga.umut@kiracmetal.com

ercan.uret@kiracmetal.com

+90 222 236 15 00

www.kiracmetal.com

Year of Establishment

2002

Number of Employees

80

Export Since

2005

Export to 40 countries



CERTIFICATION

ISO 9001:2015

TS EN ISO 1461

TS EN 61537

TS EN 61439

TS EN 62208

TSEK 506

ISO 14001:2015

ISO 18001:2007



ABOUT US

Kıraç Metal Co. Ltd. is a privately owned Turkish Company; part of the KIRAC GROUP within which today there are 8 companies: Kıraç Elektrik, Kıraç Metal, Kıraç Otomasyon, Kıraç Galvaniz, Emcekare, Pioneer Metal, Kıraç Group Construction and Kıraç IT interconnected with each other creating a culture of in-house support across eight different sectors.

Kıraç Metal established in 2002 as a small scale-manufacturing unit it has turned into a large professionally managed company, taking place a respectable and global manufacturer of Cable Management (Cable Trays, Cable Ladder, Trunking), Solar Mounting System and Low Voltage Enclosures for indoor and outdoor application. Our products allow construction of complete installations which meet the most demanding requirements of

the industry, infrastructure , housing construction and Oil & Gas projects. Our facility is established on total open area of 20,250 sq.m and total closed area of 12,150 sq.m. We continue to expand our manufacturing lines, with modern machinery allowing us to produce a range of products which meet the required standards and regulations. With a manufacturing capacity of 1,000 Tones/Month, we have successfully completed many world-wide's project. We are ISO 9001, ISO 14001, ISO 180001 certified and we possess all the relevant certifications and standards required in our industry.

The strenght of the company will continue to be the stamp class achived in products manufactured and proceses practiced in the coming years. Steady addition to the product range will be the goal to multiply quantities in manufacture and trading.



SELECTED REFERENCES

Vale Oman Palletizing Plant - Oman Industrial Complex Project, 45 Tpd New Caustic Chlorine Project, New South Glasgow Hospital Project, Next Level Shopping Mall & Residence, Barzan Onshore Project, Ashgabat Olympic Complex Stadium, Ashgabat Airport Project, Emerson Solar Construction, Shell Wax Flow, Shell South Fence, Shell Fcd, Emerson Network Power, Messaied Ngl - 3, Med Cem Mining, Ashgabat Airport Hotel Project, Petkim Facility, Kazakhstan Exhibition Center,, Mersin Cement Factory, Balikesir Cement Factory,, Hatay State University, Antalya Hospital,, Bati Söke Cement Factory, Codelco Moly, Metro-Gold Line, Metro-Red Line, Energy Central, Eskişehir Hospital, Muş Airport, Kahramanmaraş Airport, Eskişehir Congress Center



Engin U  UR



engin.ugur@makel.com.tr
export@makel.com.tr



+90 212 689 50 50



www.makel.com.tr

Year of Establishment

1977

Number of Employees

770

Export Since

1990

Export to 70+ countries



CERTIFICATION

TSE, VDE, T  V, EAC, CE

MAKEL ELEKTRİK

PRODUCTS AND SERVICES

Switch & Socket, Group Socket, LED Bulb, LED Panel,
Led Slim Downlight, LED Armature, Electronic Electricity Meters,
Distribution Boxes, L.V. Switchgear Equipments,
Moulded Case Circuit Breaker, Mini Circuit Breaker
A.C. Contactor, Residual Current Circuit Breaker

ABOUT US

MAKEL is a group with Turkish net equity has begun its activities in the sector of electrical supplies in year 1977. Being one of the leading firms of the market in its sector, Makel, as the export leader of the electrical materials sector of Turkey for long years, has been exporting the products it produces using the state-of-art techonogy to the all over the World.

Within product range of Makel that manufactures them in world standards and its automation-based latest technology machinery from its production facilities built on a 45 thousand square meters-surface area, there are switch and socket outlet groups, smart building system, circuit breakers, fuse boxes, electrical accessories, electric meters, reactive power control relays, panel meters and led products.

Being a name for preference in majority of the countries where it has been making export since early 1990s thanks to its quality, price and post-sale service and successful sale and marketing policies on the abroad markets, Makel is one of the company admitted to "Turququality Trademark Subvention Program" constituted by Republic of Turkey Ministry of Economy in order to support the trademarks advancing in the path of being a world mark.

Maintain its uninterrupted R&D activities with its 45-person engineer and technician staff in ensuring the product quality that would meet the expectations of consumer.



SELECTED REFERENCES

Afghanistan - Dabs Project-Da Afghanistan Bresha
Sherkat

Albania-Government Project

Turkey – Atatürk Airport

Iraq – Bismayah City Project

Switzerland – United Nations Project

Iraq – Besmaya City Project

And more...

MIKROSAY

SOFTWARE, ELECTRONICS, ENERGY




PRODUCTS AND SERVICES

- Prosim: Process simulator to perform field tests and calibration at the workshops and fields.
- TrioVita: Air & Water Purification Systems
- TEOS Scada
- TEOS Tank Management System
- Well Management System for the flow control and measurement of gas & water at coal bed methane gas wells


- Clean Room Pressure Controller
- Clean Room Entrance Controller
- Chiller Wireless Remote Controller
- Outdoor Patio Remote Heater Controller
- Smart Fan Controller
- IoT Level, Pressure, Flow transmitter
- RTU
- HMI




 **Hasan TERZİOĞLU**

 hasan.terzioglu@mikrosay.com.tr

enis.terzioglu@mikrosay.com.tr

 +90 216 459 86 60

 www.mikrosay.com.tr

Year of Establishment

1999

Number of Employees

21

Export Since

2000

Export to 2 countries



CERTIFICATION

ISO 9001:2015

CE



ABOUT US

MIKROSAY was established in 1987 as a circuit design and prototype manufacturing company and has expanded into a full scale hardware / software design, manufacturing and energy solutions provider enterprise.

ENERGY: 'MIKROMASS'; The Electrical Energy Producing Unit is the new innovative design that Mikrosay has realized in the RENEWABLE ENERGY sector. MIKROMASS produces electrical energy from biomass via gasification.

Energy Management applications are the other energy solutions Mikrosay provides.

MANUFACTURING: Current Manufacturing facilities combine high capacity SMT and thru-hole lines with enclosure & cabling operations. Mikrosay has the high quality manufac-

turing capability of electronic cards / devices in large quantities.

SOFTWARE: Mikrosay has the experience of developing on-line, real- time industrial applications as well as energy mangement solutions. It developed the first and only Turkish Scada Program: TEOS Scada, which has acquired more than 1500 references for deployed industrial applications.

R&D: Mikrosay design group serves to a wide array of customers with custom tailored electronic card/ device solutions. Embedded microprocessor controllers, smart card, fingerprint controllers, well management controllers are some of the examples which were designed and manufactured by Mikrosay and already in the international markets.



SELECTED REFERENCES

PETROL OFİSİ , DSD, PETKİM, İSBAK, PIONETİCS, ARÇELİK, CHRYSLER, ERDEMİR, H2SCAN, ŞİŞECAM, TÜPRAŞ, İSDEMİR, UNIVERSAL, ASD AUTOMATION, GLOBAL DATA SOLUTIONS, PARAGON, UNIVERSAL / U.S.A., ASD AUTOMATION /U.S.A., GLOBAL DATA SOLUTIONS/ AUSTRALIA



Ender TULUM



ender@orenkablo.com

sales@orenkablo.com



+90 212 220 48 00 / 212 220 50 21



www.orencables.com

Year of Establishment

1979

Number of Employees

90

Export Since

1990

Export to 40 countries



CERTIFICATION

VDE, TÜV, TSE, ISO 9001:2015 ,
CPR, CE, RoHS

ÖREN CABLES

PRODUCTS AND SERVICES

Ören Kablo's product range includes low current cables which could be seen under the 854420 and 854449 HS Codes. More specially, our cables could be seen as the list below. Coaxial Cables for Cable TV, internet applications and satellite master antenna TV applications (Priority Product) CCTV and Security Cables (HS 854420)

Indoor Telephone Cables (HS854449)

Data / LAN Cables (854449)

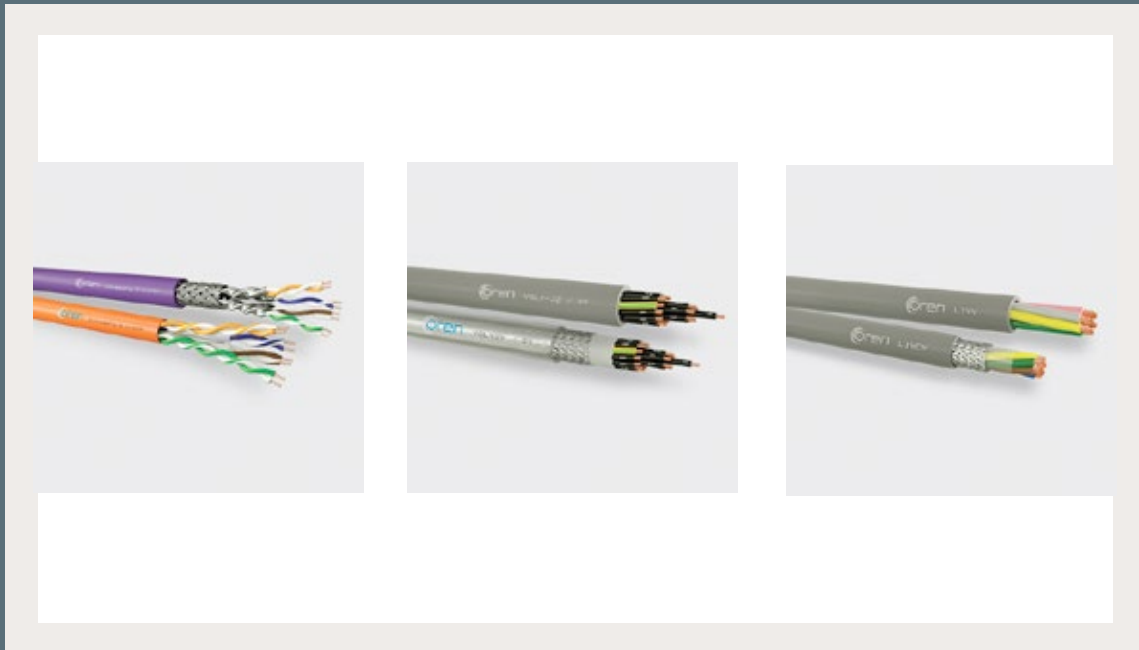
Fire and Alarm Cables (HS 854449)

Control Cables (HS 854449)

ABOUT US

Ören Kablo entered into cable manufacturing sector with the manufacture of coaxial cables in 1979. Making up its principle to determine its strategies by continually following up the demands of the customers and development of its competitors taking place in the coaxial cable market and segment since its establishment, Ören Kablo has always succeeded to make the best use of advance technology in product and service production to provide customer satisfaction and loyalty in rapidly changing business world.

Carrying out its production activities in its modern manufacturing facilities located in Silivri Ortaköy Industrial Zone, Ören Kablo realising manufacturing wide range of products such as cable TV, digital satellite, data cables, interactive TV cables, CAT5, CAT6 LAN cables, signal command cables and fire warning cables; and at the same time, offers to the use of its customers the low fume and flame retarding versions of "halogen free" cable, which is also known as "fire proof cable" in the sector, for all the products taking place in this range. Having a production capacity of 58 million metres coaxial cable annually, Ören Kablo initiated Physical Foam PE insulated cable production in the beginning of 2004 and currently meets 70% of Turkey's digital broadcasting cable need by itself with the Gas Injection Skin/Foam/Skin triple injected Physical Foamed Polyethylene Extruder manufacturing line investment. Ören Kablo also exports to 40 country now.



SELECTED REFERENCES

Al Fateh University Libya, Porto Sharm El Sheikh Egypt, Lusail City Qatar
Moskova City Russia ,Kopenhag Cabinn Hotel Denmark, Al Hussein Cancer Hospital Iraq
Gardens Hospital Mafraq Jordan, The Housing Bank / Mafraq Branch Jordan

PAMIR LIGHTING




PRODUCTS AND SERVICES

- LED and T5 Fluorescent lighting fixtures for offices and shopping places,
- IP65 LED and T5 Fluorescent Highbay lighting fixtures,
- IP65 LED and T5, T8 Fluorescent Waterproof lighting fixtures,
- IP65 LED Flood Lights,
- Circular Fluorescent and other lighting fixtures
- Glop lamps,
- Wall lamps,
- Motion sensor,
- Motion sensor lamps
- IP65 Street Lighting



Necdet PAMİR

 necdet@pamir.com.tr

export@pamir.com.tr

 +90 0332 355 86 16, +90 533 085 07 24

 www.pamir.com.tr

Year of Establishment

1992

Number of Employees

50

Export Since

2002

Export to 35 countries



CERTIFICATION

ISO9001,

TSE,

CE certificates



ABOUT US

PAMIR ELEKTRİK is located in the industrial city of KONYA, in the heart of Anatolia. Created in 1974, it was manufacturing electrical equipment and since 1990, it shifted production towards the lighting sector and became a specialist in this field.

Company has been providing professional solutions for architectural and industrial lighting with the demands from our customers. We do use the highest possible quality components (Osram, Tridonic, Lumileds, Nichia etc.) on our products and provide the shortest delivery terms with competitive prices to our customers. It ranks today among the most performing Turkish companies in the sector, which offer a large array of products, combining aesthetic, quality and competitive price. We are able to conceive and offer products which combine both aesthetic and competitiveness. All products are thought in our R&D department, by means of the latest softwares.

Every order gets our personal attention and care, we have been in the business for nearly 40 years. Repeated orders are the best testimony for our quality and seriousness. We will be very honoured to get to know you and serve you.



SELECTED REFERENCES

United Arab Emirates, Kings Collage Hospital Indoor Lighting
United Arab Emirates, Dubai Bu Haleeba Real Estate Office Indoor Lighting
Turkey, Ankara METU Football Field Outdoor Lighting
Turkey, Istanbul Kartal Kahramanlar Mosque Lighting
Azerbaijan, Student Dormitory, Azerbaijan State Oil and Industry University Indoor Lighting
Azerbaijan, Baku Piazza Italia Store Project Indoor Lighting
Macedonia, Skopje Cresovo Topce Hotel, Restaurant Indoor Lighting
Ireland, University College Dublin - Micheal Tierney Building Project

Egypt, Hope Cure Oncology Center Indoor Lighting
Lebanon, ABC Verdun Shopping Mall Indoor Lighting
Albania, GYM Centre Indoor Lighting
Albania, Qendra Tregtare Univers Shopping Mall Indoor Lighting
Albania, Tirana Bake Shop Indoor Lighting
France, Normandie Le Havre University Indoor Lighting
Georgia, Tbilisi Ministry of Economy and Sustainable Development Labour Office Indoor Lighting
Oman, Oasis Mall Sohar Indoor Lighting
Serbia, Veroks Project Supermarket Lighting
Macedonia, Skopje Replek Farm Store Lighting



Vedat EMANET



vedat.emanet@powerelektronik.com.tr

power@powerelektronik.com.tr

ayhan.guven@powerelektronik.com.tr



+90 216 481 66 99



www.powerelektronik.com.tr

www.powersolar.com.tr

www.powermuhendislik.com.tr

www.powerelektronik.shop

www.powersolarenergy.nl

Year of Establishment

1999

Number of Employees

70 +

Export Since

1999

Export to 50+ countries



CERTIFICATION

ISO9001, ISO18001, ISO14001,
TSE, HYB, SSHYB, CE, Domestic
Goods Certificate

POWER ELEKTRONİK SAN. VE TIC. A. Ş.

PRODUCTS AND SERVICES

- Production
- R&D Center
- UPS Uninterruptible Power Supply 1-3600kVA
- Rectifiers 10-5000A
- Battery Chargers 10-5000A
- Servo Regulators 1-6000kVA
- Static Regulators / Constant current regulators 1-6000kVA
- Static Inverters 1-1000kVA
- Maintenance Free Batteries 7-3000Ah
- Ni-Cd Batteries 80-3000Ah
- Railway Wagon and Locomotive Inverters 2,5-500kVA
- Railway Converters
- DC / DC Converters
- Dynamic UPSs 150-30 mVA
- Dynamic Converters 60 / 400Hz 150-1500kVA
- Static Converters 10-1000kVA
- 400 Hz Gpu Static Rotary 45-180kVA
- Ultrasonic Generator Power Supply 1-10kVA
- AC / DC Vehicle Chargers 4-250kVA
- Solar Inverter EPC Engineering Applications 10-1 MW
- Milgem Rectifier Battery Inverter 24V 100A
- BMS Battery monitoring system
- Helicopter Rectifiers
- Motor Speed Controllers
- Elevator Rescue Devices
- Frequency Converter 50/60 / 400Hz
- Battery Charge and Discharge Units
- 7x24 Technical Service Maintenance and Repair
- R&D and design center special products
- Production with vibration design in accordance with Military Type Stanag Standards
- Railways old power electronics products renovation design works
- Static IGBT SAG Compansator Capacitor design
- Static Compensation Units
- Harmonic Filter Devices
- Transformers LV / MV Aluminum / Copper Winding
- Modular UPS 10-3600kVA
- Modular DC Power Supply Rectifiers and Inverters 24-48-110VDC
- Railway Signalization Supply Units
- TEDAŞ-TEİAŞ-EÜAŞ type type tested Rectifiers with TSE, UPSs
- R&D projects supported by TÜBİTAK / TEYDEB
- Mechanical box designs
- Industrial UPS Rectifier inverter 1-1000kVA
- Rack type UPSs 1-10kVA
- Static transfer switching devices 50-3000A
- Forklift Chargers 24-48-80 VDC 25-150A
- AC / DC Vehicle Chargers + Hybrid UPS + Storage Units
- Electricity Electronic materials cable, fuse switch and so on.
- Solar panel inverter, construction solar materials (kiosk, transformer etc.)
- Solar lighting poles PV, Led, direct DC-AC electromechanical panels and installation and assembly included
- Solar Roof Applications
- Solar Pump PV Applications
- Wind Turbine + Hybrid Applications Roof and ground type
- Solar log record monitoring systems
- Wind + Solar Measurement Stations
- Solar Power Plant Maintenance and Repair Works Indoor and Outdoor 120MW SPP construction + project design
- Experince 10-300 MWp home and power plant applications
- GES project drawing design, call letters
- On-board mobile UPS with construction container + solar application. with their supports
- Mobile Solar Containers
- Mobile UPS, Rectifier, Inverter, Load bank, Generators
- Electronic card design and assembly
- Motor speed drive and soft starter LV-MV
- 60146-1-1 semiconductor standarts EMC-LVD
- EV chargers AC and DC fast chargers 3.4 kwh-500 kwh



Ar-Ge ve Tasarım
Merkezleri
TEKNOLOJİYE YATIRIM GELECEĞE YATIRIM

TESİD 30
Türk Elektronik Sanayicileri Derneği

ARUS
ARUS Elektrik ve Enerji Sistemleri

SAHA
İSTANBUL



ABOUT US

Power Elektronik, has succeeded in being among the strongest brands in Turkey and the world, since 1999. Since its establishment, with its own Research, Development and Design work continues on the production and import, increase the product variety improving itself every day.

Nowadays, Power Elektronik provides services to many institutions such as state railways, airports, stadiums, universities, state hospitals, operating rooms, military institutions. Our company contributes to Turkish industry, by exporting more than forty countries and adding new countries to its portfolio.

SELECTED REFERENCES

TEİAŞ, BEDAŞ, ABB, SİEMENS, Alstom, GE, Dİİ, ODTÜ, TCDD, TÜPRAŞ, Elko, Elimsan, DMÖ, Botaş, Enerjisa, Limak...

PROTART ELEKTRIK



PRODUCTS AND SERVICES


- Protart ESE Lightning Arresters
- E.S.E. Lightning Rods
- Protart ESE Lightning Arrester Tester
- E.S.E. Lightning Rod Testers
- Protart Lightning Strike Counter
- Lightning Event Counter
- Franklin Rods/Passive Lightning Arresters
- Franklin Rods



 **Mr. Emad UDWAN**

 export@protart.com.tr

e.udwan@protart.com.tr

 +90 212 2314905

 www.protart.com.tr

Year of Establishment

2006

Number of Employees

42

Export Since

2010

Export to 9 countries



ISO 9001

ISO 10002

CE



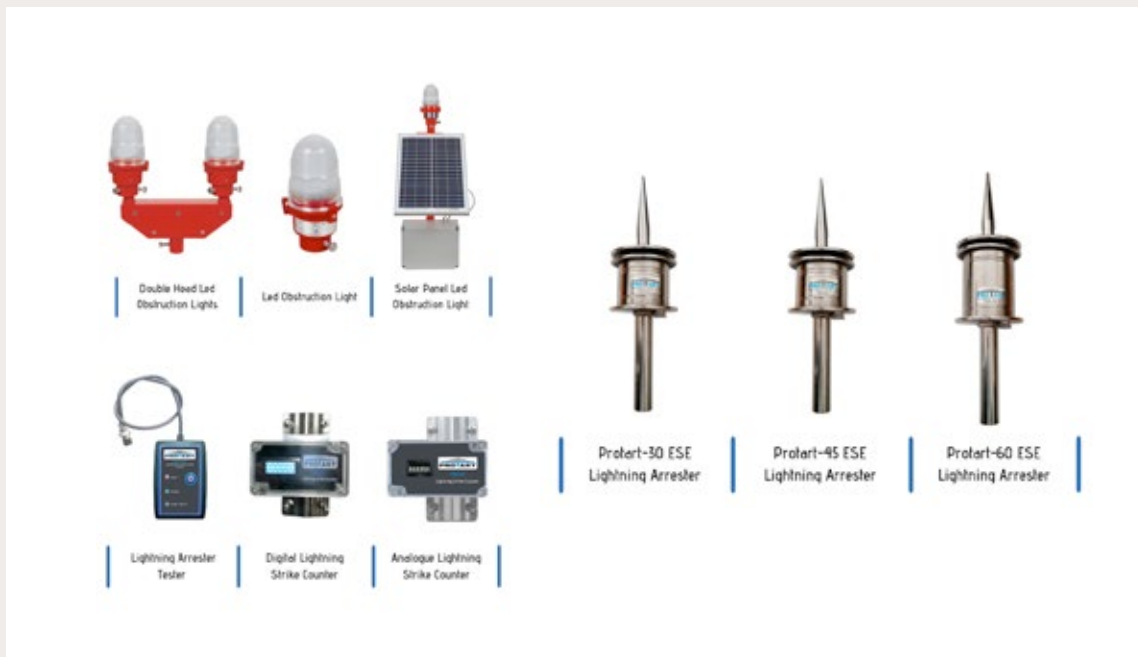
ABOUT US

PROTART was founded with a purpose to serve the needs and wants of the clients looking for quality and cost effective solutions in the global market. With its strong R&D, manufacturing experience and solid background, PROTART progressed in the international lightning protection market with speed and agility.

As PROTART, we committed to meeting the needs of all domestic and foreign institutions and organizations in the lightning protection and grounding industry in accordance with international standards. We continue to offer optimum solutions to customer needs with our range of products for the industry

and distributorship of leading global brands. We do our best to be a company that always follows the developments in its industry and technology closely, keeps the bar high without compromising team spirit, develops its quality understanding at all times, and makes a commitment to its customers regarding the continuity of its quality.

Protart provides the safest solutions for lightning protection.



SELECTED REFERENCES

Thailand: Ban Haedsuksa School Lightning Protection Project
Thailand: Ratanawiwekkhlongwan Temple Lightning Protection Project
Ukraine: CentraVis Production Ukraine Lightning Protection Project
Ukraine: Epicentr K Lightning Protection Project
Ukraine: Woodland Factory Lightning Protection Project
Rwanda: Restoration Church Project of The Supply, Installation, and Testing of Lightning Protection
Philippines: National Power Corporation Mindanao Lightning Protection and Grounding Supply and Installation Project
Uruguay: Scuola Italiana in Montevideo Lightning Protection Project



Barış TOPÇUOĞULLARI
baristopcuogullari@teksan.com
+90 216 312 05 50
www.teksan.com

Year of Establishment
1994

Number of Employees
700+

Export Since
1995

Export to 130+ countries



CERTIFICATION

CERTIFICATION
ISO45001, Certificate of
Conformity to Turkish Standards,
SSYH, Domestic Goods
Certificate,
Certificate of Service Adequacy
to Turkish Standards,
OHSAS18001, ISO14001,
ISO100002, ISO9001, ISO 27001,
Underwriters Laboratories

TEKSAN

PRODUCTS AND SERVICES

Quality diesel, natural and
biogas driven generator
sets, mobile lighting towers,
gasoline generators,
cogeneration-trigeneration
solutions and hybrid power
systems

ABOUT US

Teksan, which aims to deliver uninterrupted power solutions to the people through sustainable improvement and innovation, designs and installs high quality diesel, natural and biogas driven generator sets, mobile lighting towers, gasoline generators, cogeneration-trigeneration solutions and hybrid power systems that exceed the expectations of the customers.

For more than 24 years, thanks to its solid experience and engineering know-how, Teksan has been providing tailor-made power solutions that can efficiently operate even under the most challenging conditions for major international projects such as constructions, telecommunications, data centers, shopping centers, hotels, residential buildings, supermarkets, sport centers, mining facilities, hospitals, research centers, educational institutions and industrial plants all around the world.

Today, thanks to its high quality generator sets approved with international quality certifications which are made of world's top engine brands coupled to well know alternators to meet projects' requirements of different output ranges, and 24/7 expeditious after-sales technical support and maintenance services in more than 130 countries, Teksan is always your reliable power solutions partner whenever and wherever you need.



SELECTED REFERENCES

TURKEY

CarrefourSA Maltepe Park Shopping Mall , Istanbul Sapphire Shopping Mall , Santa Farma Pharmaceutical Factory, Anadolu Glass Eskişehir Factory, Şenol Güneş Stadium , Vialand , Veliefendi Race Course , Kepez State Hospital, Tuzla State Hospital (Trigeneration), Edirne State Hospital (Trigeneration),

WORLD

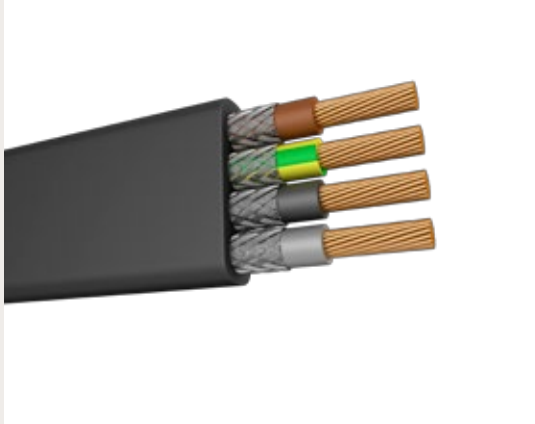
Ashabat Airport Turkmenistan, Agai SA Sugar Factory Bolivia, Andjik Water Facilities Netherland, Dostyk Plaza / Kazakhstan, ING Haagse Port / Netherland, EMBL Heidelberg Biology Institute Germany, Jeddah Movenpick Hotel Saudi Arabia, QATAR ARMY, Senegal Ministry of Agriculture, Greece - AIRCHANIA Airport, McDonalds Minsk Belarus

ÜNTEL KABLOLARI



PRODUCTS AND SERVICES

Üntel offers Rubber, PVC, HFFR and Special Cables for industries like; Shipbuilding, Offshore Oil and Gas platforms, Onshore Power Plants, Mining, Airport ground lighting, Railway singalling, Crane and Defence. Üntel also provides tailor made cable solutions according to customer demands



Hakan KUBAŞ



hakan.kubas@untel.com.tr

onur@untel.com.tr



+90 262 722 93 30



www.untel.com.tr

Year of Establishment

1972

Number of Employees

250+

Export Since

1994

Export over 70 countries



TSE ISO 9001, 14001, 18001, TSE, HAR, VDE, ABS, BV, LR, DNV-GL, RINA, UL, RUSSIAN FIRE, TUV Rheinland,



ABOUT US

ÜNTEL KABLO, one of leading cable manufacturers in the world was established in 1972, Turkey. With almost 50 years of experience, continuously develops and optimize her product range with the help of advanced technology and well trained staff. Product range consists over 15.000 different types of cables, covers both rubber and thermoplastic cables up to Medium Voltage (MV) range. ÜNTEL's power and instrumentation cables supplies energy for industries which requires experience like marine, offshore, mines and tunnels, airports, railways and have been used in industrial ways such as heavy-duty rubber drum reeling cables, welding cables, control cables and fire resistant cables. ÜNTEL is also able to produce tailor made products for special purposes. Today these products are exported over 70 countries on six continents.

Üntel maintains her operations on 43.000 m² land space with 32.000 m² closed area. By having 3.000 tons copper drawing and 4.000 tons different type of compound processing capacity, ÜNTEL produces 30.000 tones of cable per year.

Üntel's laboratories which are approved by organisations that specify the standards are equipped with advanced technology test and measurement devices. Within the scope of Quality System Certificates there is a quality management system presents in Üntel according to ISO, IQnet and TSE quality standards.. Around 200 different types of cables are certified by global organisations.

Üntel Kablo evaluate customer needs and expectations in a sectoral view and provide effective solutions with hundred percent customer satisfaction and qualified production philosophy.



SELECTED REFERENCES

- MİLGEM Project (Turkish Navy)
- New Airport of İstanbul
- ASELSAN
- TTK(Turkey Hard Coal Enterprises)
- MIP (Mersin International Port)
- TBM ANADOLU (Tunnel Boring Machine)



TLV TURKISH LOW VOLTAGE TEAM



Çobançesme mevkii, Sanayi Cad.No:3
Dış Ticaret Kompleksi A Blok P.K. 34197
Yenibosna / Bahçelievler / ISTANBUL

Phone
+90 212 454 00 00

Fax
+90 212 454 00 98

Email
info@tlv.org.tr

www.tlv.org.tr