

GERSAN

GERSAN ELECTRIC AND INDUSTRY INC.

FOR
43
YEARS
ALL
OUR ENERGY
IS FOR
TURKEY



for 43 years all our energy
is for Turkey



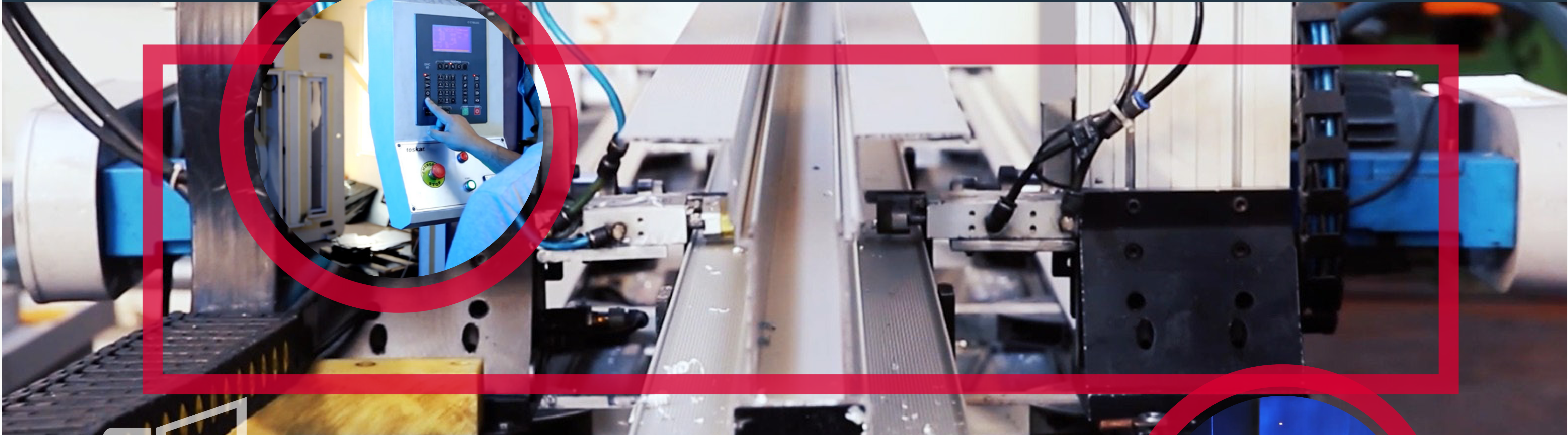
GERSAN Electric Inc. was established in 1980.

For more than 43 years, GERSAN Electric has been producing a wide range of products such as electrical distribution equipment, busbar systems, electric vehicle charging stations and LED lighting.

In its 43 years of production history of GERSAN INC., it has produced materials with superior properties for the electro-mechanical sector of our country, aiming at the continuous improvement of quality and has become the market leadership of its own sector.

GERSAN INC. is a company with domestic capital and listed in BIST.



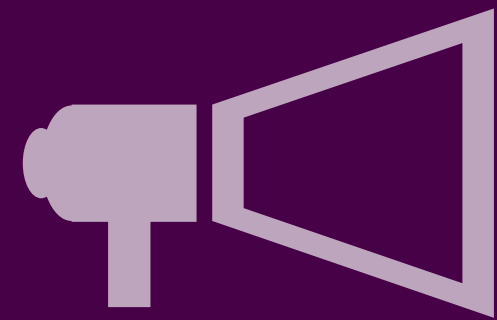


Both the production processes we use in our products and the raw material principles to be used, as well as the fact that the product features are parallel to the latest technical and technological developments, ensure that the materials produced reach perfection.

It has been carrying out R&D activities continuously for decades and has adopted the principle of having all the necessary national and international quality certificates.

In this way, it has become a company that exports 75% of its production to international companies and projects.





Our quality policy is to provide quality products and services that meet the demands of our customers in the most economical way, to deliver them on time, to ensure the continuity of service and quality.

Our goal is to consistently produce quality and good materials.



Our Fields of Work



electric vehicle charging stations



our energy
is on the roads
of Turkey

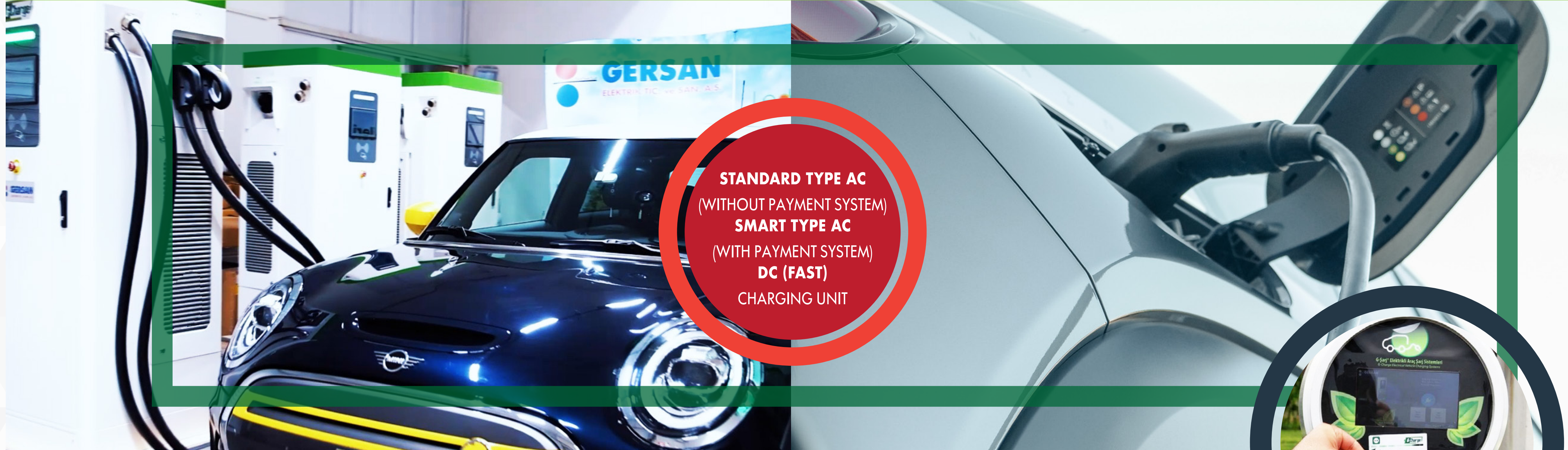


Thanks to the developing technology in recent years, electric cars have gone from being prototypes to mass production and becoming environmentally friendly transportation vehicles of the future.

Electric vehicles represent the transportation of the future in terms of preventing greenhouse gas emissions that cause global warming and climate change and using energy efficiently.

G-CHARGE, Turkey's First Domestic Electric Vehicle Charging Station brand, designed by GERSAN Electric, has an important place in this regard.

G-CHARGE has a modern structure that can offer different charging options and is a LOCAL and NATIONAL system that is technologically superior to imported products.



STANDARD TYPE AC
(WITHOUT PAYMENT SYSTEM)
SMART TYPE AC
(WITH PAYMENT SYSTEM)
DC (FAST)
CHARGING UNIT



It is a modular system that provides convenience to its customers with different payment systems. The charging units included in the system are equipment that can adapt to various communication structures and communicate with a central server or regional systems such as Istanbul Card.

Mobile payment systems can be used to recharge within the system, a radio frequency identification (RFID) member card can be obtained by becoming a member of the system, or internal systems such as Istanbul Card can be used.

Thanks to these cards, charging units recognize users.



Busbar systems



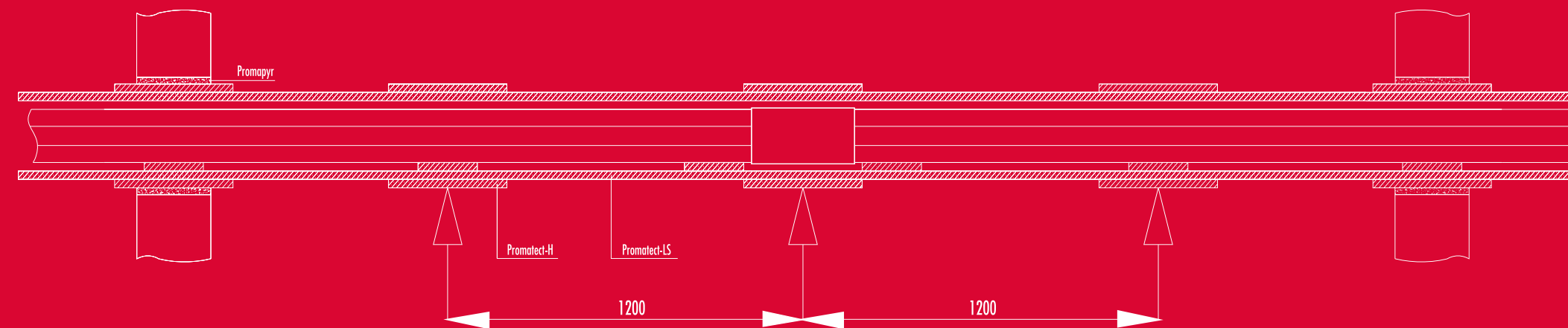
Busbar system provides easy installation, long and economic life, less end-of-line voltage conversion, mechanical and thermal durability, security, convenience and options in electrical transmission and distribution.

In order to prevent the busbar system from being affected by corrosion, the outer casings are made of aluminum materials.

Busbar systems



It is a very simple and patented solution that allows us to access and control all accessible information such as status information and measurement values from the measurement devices on our electrical distribution equipment, transformers, panels, busbars and outlet boxes, with two-way communication over power lines.



cable tray systems



It is a system that ensures that cables are carried and held together properly according to cable density. Cable ducts, available in hot-dip galvanized, pre-galvanized, stainless steel (304-316), Corten-A, aluminum and electrostatic powder coated varieties, can be used in many different environments, from interiors of buildings to airports, from ships to refineries.



handling systems



Help protect and route equipment with cable carriers, cables/hoses in machines, and hydraulic and electrical lines for a variety of applications, including robotics, handling, textile industries, water treatment plants, machine tools and much more.

Our systems reduce wear and stress on the surface of cables and hoses, prevent contamination and increase operator safety.



The entire system, from lightning rod to faraday cage, grounding electrodes and connection terminals, has been designed for your safety in order to increase life safety, energy security and energy continuity.



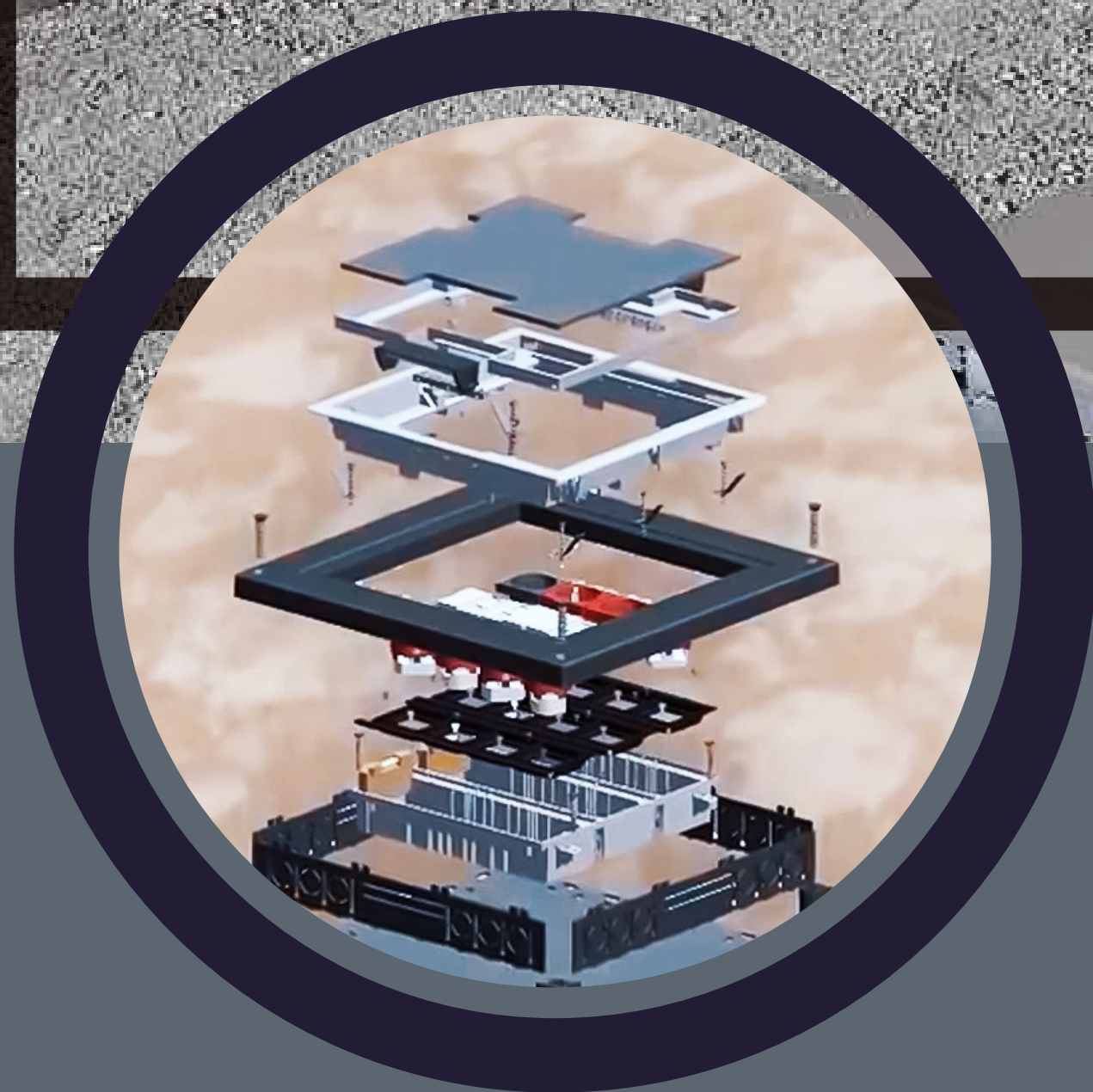
switchboard systems



Uninterrupted power distribution, easy management or aesthetically compatible with the environment...

We add strength to your power with our panel solutions for all your needs.

underfloor systems



It provides safe and secure cable distribution by saving work areas from cable tangles.

It adds aesthetics to your work spaces with its modern appearance.

led-bus lighting systems



Thanks to our flexible solutions tailored to your needs, you can contribute to the future of both yourself and our country by saving a large portion of the energy you spend on lighting.

We save up to 74% in energy efficiency.

Led-Bus lighting system consists of the combination of G-Bus industrial automation system and LED lighting systems.

g-bus automation systems



G-Bus automation system is GERSAN Smart BUSBAR Technology, which allows the control of all loads connected to the busbar system by communicating over the power line, without the need for any data cable.

**G-BUS
PLC AUTOMATION
SYSTEM
IS AN INTERNATIONAL
PATENTED
PRODUCT
OF GERSAN INC.**

Our R&D studies





Infrastructure Management
Charging station management
Real time remote control
Charging session management
Firmware update management
RFID tag / UID management
Statistics and Analytics
SIM card management

VPN certificate management
Customer relations management
B2B contacts
B2C contacts
Contract Management
Financial Management
Tariff management
Automatic billing

Invoice/Credit management
User Access Management
Service Ticket Management
Export Wizard
Roaming Interface Management
Easy API

solar battery support



Energy Management with Mobile Devices
Carbon Zero Consumption
Solar Energy Integration
Quick Activation
Cloud Based Native Software
Collaboration Feature

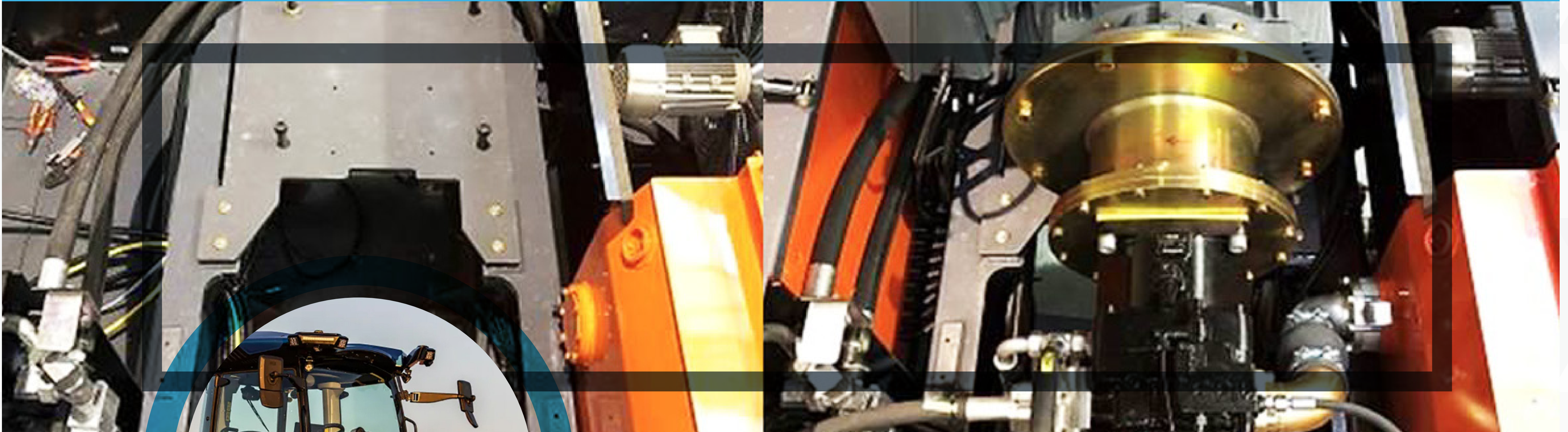
Portable System Structure
Independent Operation from the Grid (Off Grid)
Voltage Support and Reactive Power Compensation
Charging storage control and Demand Balancing
Demand and Production Power Shift

mobile charging station



- Built-in safety batteries
- galvanized cabinet
- User-friendly interface
- Flexible multi-protocol design CCS2
- Charging EV in place without AC grid, suitable for emergency service
- battery pack
- Battery Checker
- EV Charging Module

agricultural vehicles electric vehicle conversion kit



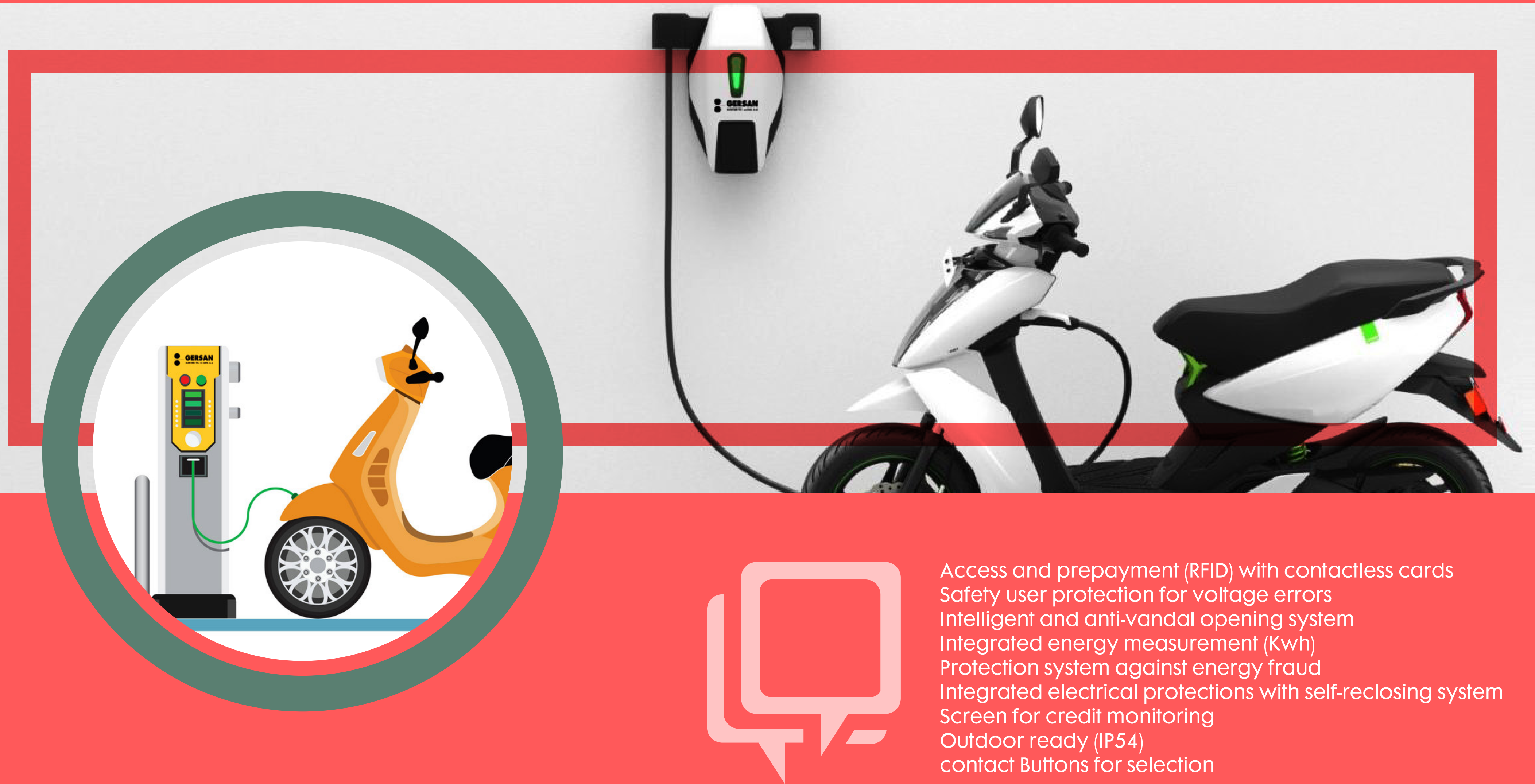
Electric drive kit
Drive motor, inverter, converter
Controls (hg + ag)
Electronic control systems evc, vpm
System components ac, pump, heater
Mechanical parts connections
Battery pack, Battery, Battery packing system pack, heater
Bms local + master control, remote control
charging system

wireless car charging systems



In SAE J2954/1 standard
System power transfer efficiency over 85%
140 mm – 210 mm Distance between receiver and transmitter
Efficiency remains at the lowest level of 80% in cases of misalignment on the horizontal axis
Contactless transmission with high frequency

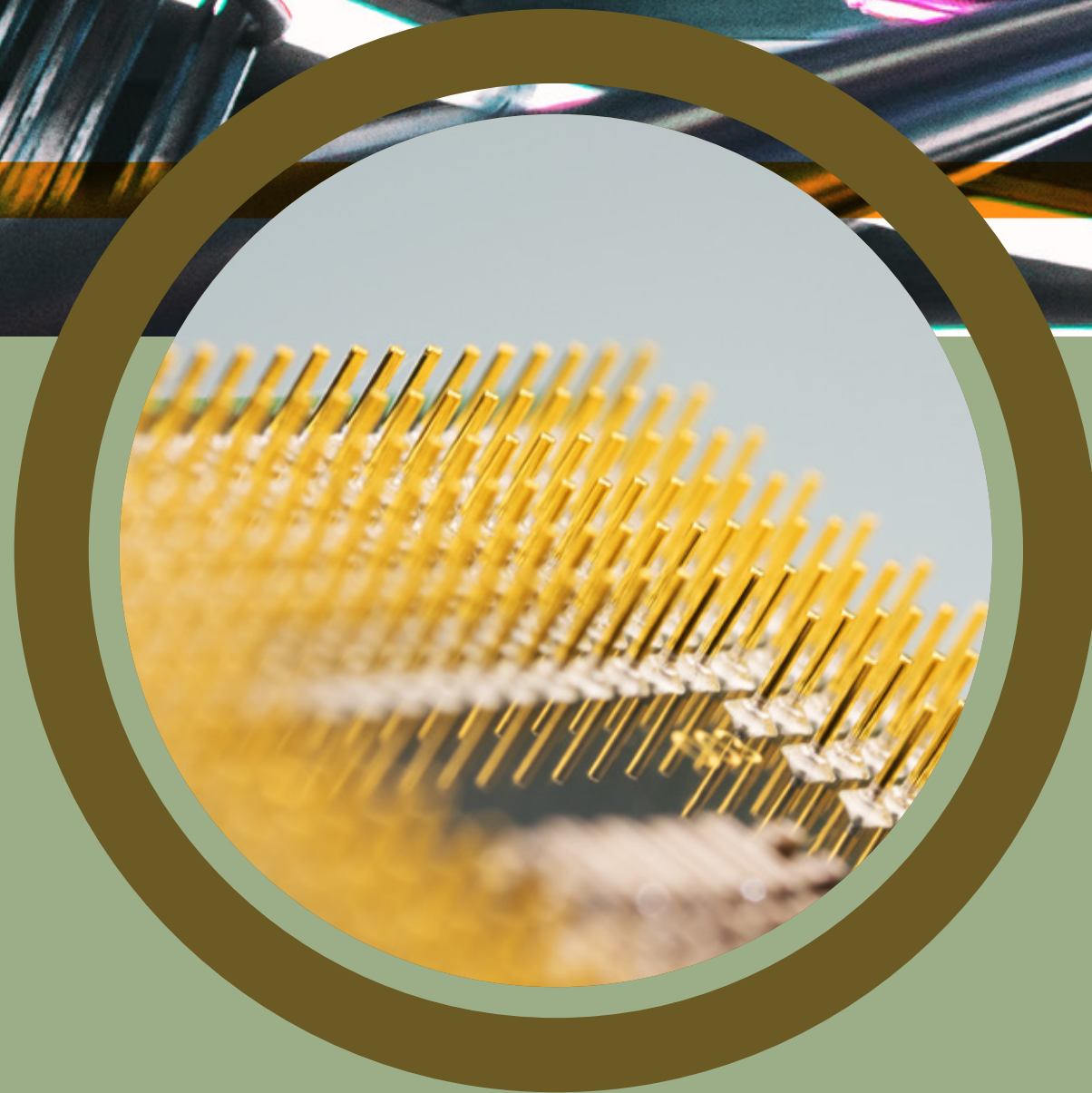
2-wheel vehicle charging units



Our Goals



Led Chip



LED chip is the most critical part of LED light. Many LED lights fail because of the LED chips. Today, LED chips are produced only by companies from the USA and CHINA.

As Gersan Electric, our technical infrastructure and technology are sufficient to produce LED chips.

GSM operator based charging units

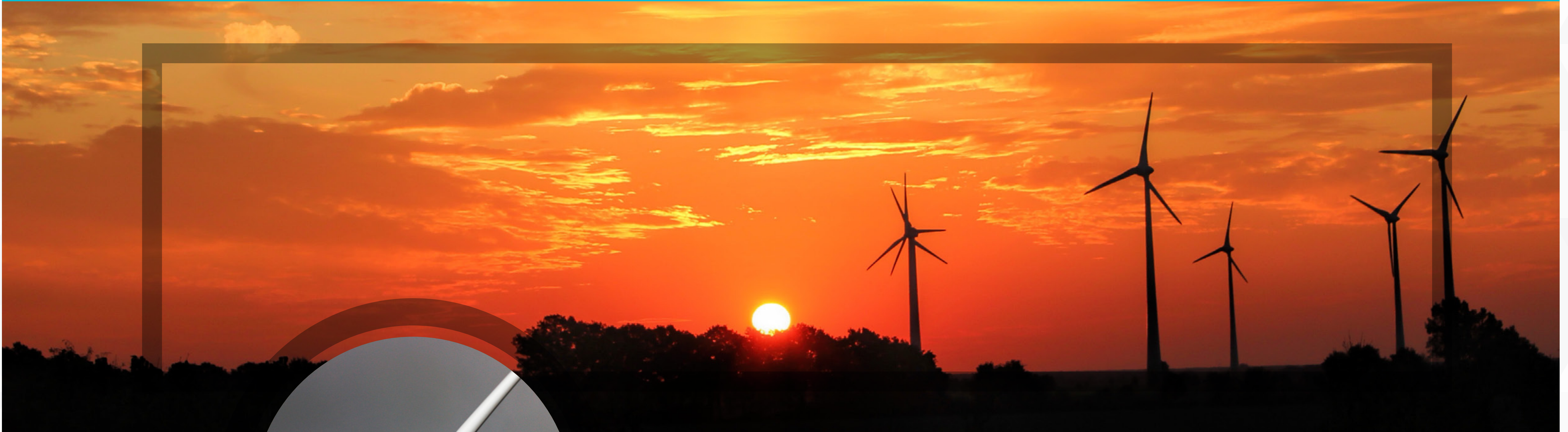


With the agreements to be made with GSM operators, electric charging units will be installed in large parking areas such as site and shopping mall parking lots, and the electric vehicle user using that GSM operator will be able to charge their vehicle and reflect the payment on their phone bill.

Campaigns will also be organized to encourage the use of electric charging units through GSM operators.



300 megabit wind power plant



GERSAN Electric plans to establish Wind Power Plants that will provide energy up to 300 megabits at the first stage in order to minimize Turkey's dependence on foreign energy sources.

hydroelectric power plant



Turkey's LOCAL and NATIONAL hydroelectric power plant, GERSAN Electric, is developing projects that will invest in renewable energy resources in order to minimize our country's dependence on foreign energy.

It is planning to establish hydroelectric power plants in areas of our country where the water level is at a certain level.

solar power plants



With the installation of a solar power plant, GERSAN Electric plans to establish a savings-oriented ecosystem by producing the energy that consumers need where they consume it.



self service stations

CAR
WASHING

CAR
CHARGER



Turkey's LOCAL and NATIONAL power, GERSAN Electric, provides car washing, electric vehicle charging, ATMs, cargo delivery points, food and beverages, etc. at gas stations and large shopping mall open parking lots in 81 provinces of Turkey. It plans to establish G-SERVIS service areas where people can get service quickly and simply.



carbon footprint



Carbon footprint is a measure of the damage caused by human activities to the environment in terms of the amount of greenhouse gases produced, measured in units of carbon dioxide.

GERSAN Electric plans to implement projects that will minimize carbon emissions.

defense industry projects



Turkey's LOCAL and NATIONAL power, GERSAN Electric, has the Approved Supplier Certificate of the Ministry of National Defense.

It plans to develop all kinds of projects and product supply projects that will contribute to the defense of our country.

Employment



GERSAN Electric Inc. is a well-established brand that has been serving Turkey for more than 43 years, employing more than 600 personnel in its factory with a closed area of 50 thousand square meters in Zonguldak Çaycuma.

GERSAN Electric, which has adopted the principle of adding strength to Turkey's power, plans to provide both added value and employment to our country by increasing the number of employees to more than 1,500 with the new projects it will implement.



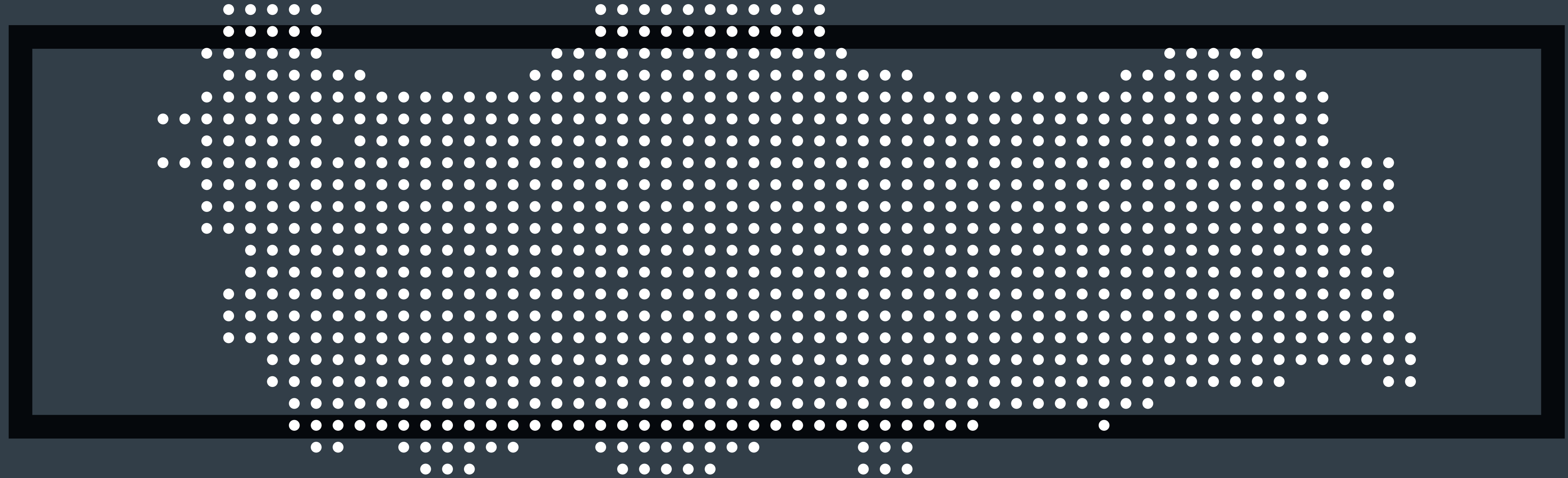
foreign and domestic market





WE EXPORT TO
100 COUNTRIES IN
7 CONTINENTS

Our "A.G. Busbar" Systems are used under the 3M brand in the Latin American market. We take part in the projects of world-famous companies such as GENERAL ELECTRIC, SIEMENS, ABB, INEOS, SAMSUNG, TECNICAS REUNIDAS. Due to the quality of our production, our exports exceed 70% of our total production.



WE ARE THE MARKET
PIONEER IN
7 REGIONS
AND 81 CITIES

GERSAN Elektrik markets its products with its strong dealer network in 81 provinces of Turkey.

Our company prioritizes customer satisfaction with its after-sales technical service network and is a pioneer in its sector in Turkey with the products in its production range.

TURKEY ENERGY CHARGING STATIONS



DÜNYA
ENERGY
CHARGING STATIONS



Our certificates and quality documents



With our structure having ISO 9001, ISO 14001, ISO 45001 and AS 9100 certificates in the quality system, all products produced are constantly developing with their own national and international tests and certificates.

In addition, by obtaining the local certifications and approvals required by the relevant foreign markets, our brand and product diversity has established its validity worldwide.

GERSAN Electric products are entitled to receive 89% Domestic Goods certificate.

In addition, GERSAN Electric has the Ministry of National Defense Approved Supplier Certificate.



CENTER

İstanbul Anatolian Side Organized Industrial Zone Gazi Bulvarı
No:39 P.K. 57 34953 Tuzla / İstanbul

FACTORY

Çaycuma Organized Industrial Zone 1 Numbered OSB Square
6 - 7 Sk. Çaycuma / Zonguldak

OMAN

Gersan elektrik Ilc plot#612, phase vi sohar industrial area
sohar, sultanete of Oman

RUSSIAN FACTORY

238440, Russia, Kaliningradskaya obl.,
Bagrationovskii r-n., pos. Razdolnoe, Papenburgskaya ul. 2.

UNITED ARAB EMIRATES

P6-093 SAIF Zone P.O. Box 9677 Sharjah - UAE

NIGERIA

Unit D, 18 Isaac John Street, GRA, Lagos / Nigeria

CAMEROON YAUNDE BRANCH

189, rue 1788 Bastos - Yaude Kamerun

IVORY ABIDJAN BRANCH

Marcory Zone 4C Bietry 26 BP28 Abidjan Fildişi





GERSAN

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