WEMOB®

ELECTRIC VEHICLE CHARGING STATION

Industrial Motors

Commercial & Appliance Motors

Automation

Digital & Systems

Energy

Transmission & Distribution

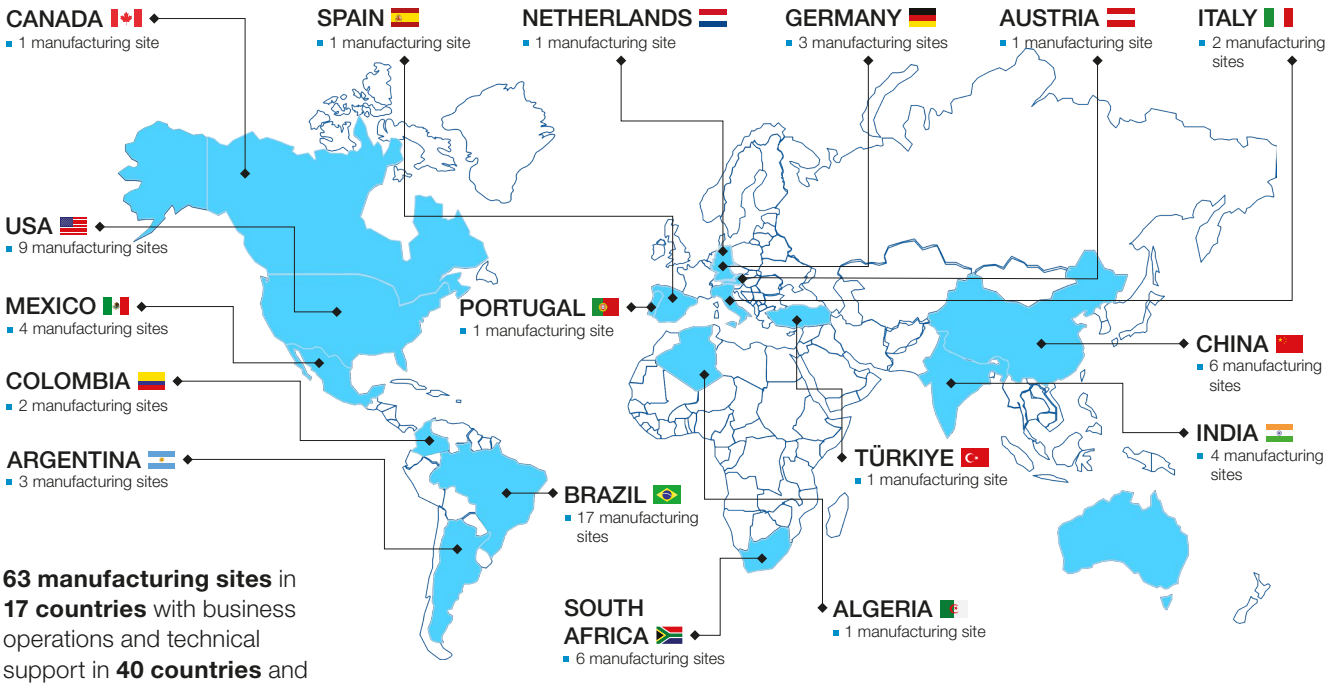
Coatings

Driving efficiency and sustainability

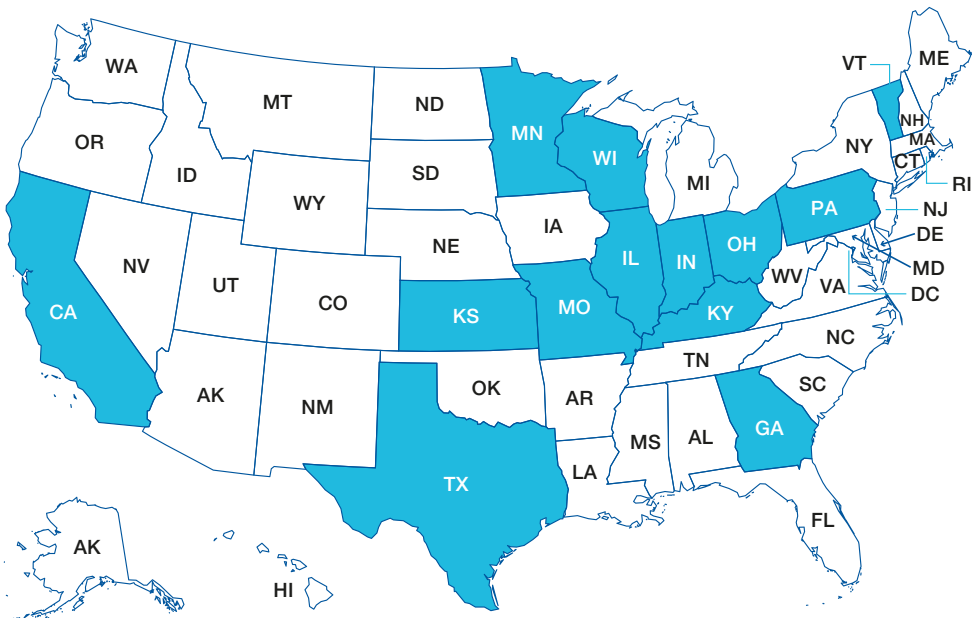
WEG

WEG SA is a multinational company, founded in 1961, and is a leading manufacturer of electric motors and electrical equipment. The company has manufacturing operations in 17 countries and commercial operations in 40 countries. WEG have been operating in the United States since 1992, focus on efficiency and sustainability, offering a wide range of products, including electric motors, gearboxes and electric drives, generators and power transformers, products and systems for electrification, automation, and digitalization. WEMOB®, WEG's Electric Mobility division, is your strategic global partner in electric mobility due to its global presence, manufacturing in the Western Hemisphere, software-agnostic products compatible with any management software, in-house technology and engineering, complete portfolio, and commitment to ESG.

Today, WEG has a global presence, as illustrated in the world map below. In the United States, WEG operates nine manufacturing sites, seven warehouses, and one renewable energy office, as shown in the U.S. map bellow. This global presence has enabled WEG to provide an extensive after-sales assistance network.



63 manufacturing sites in **17 countries** with business operations and technical support in **40 countries** and distributors in more than **120 countries**.



Manufacturing sites:

- McHenry, IL.
- Bluffton, IN.
- Minneapolis, MN.
- Sylvania, OH.
- Washington, MO – 3 sites.
- Lebanon, MO.
- Wausau, WI.

Warehouses:

- Duluth, GA.
- Houston, TX.
- Ontario, CA.
- New Kingstown, PA.
- Campbellsville, KY.
- Romeoville, IL.
- Edwardsville, KS.

Renewable Energy Office:

- Barre, VT

WEG is a global leader in electric motors, automation, energy and infrastructure, as well as wind, solar, and hydroelectric solutions. WEG is responsible for the design, manufacturing and testing of all its products, which are developed by an in-house engineering team using high-quality components and application-specific features.

WEG is committed to the ESG and has its own Sustainability Strategy to guide the actions and efforts related to sustainability subjects. This strategy is based in four pillars: sustainable products and solutions, circular and efficient operations, engaged employees and communities, and governance and ethical conduct. Each pillar has 2 themes, and each theme has specific objectives.

PILLARS	SUSTAINABLE PRODUCTS AND SOLUTIONS	CIRCULAR AND EFFICIENT OPERATIONS	ENGAGED EMPLOYEES AND COMMUNITIES	GOVERNANCE AND ETHICAL CONDUCT
THEMES	Technology and innovation for energy transition and decarbonization Responsible supply chain	Eco-efficiency, waste and emissions management Carbon neutral in operations	Comprehensive well-being, diversity and inclusion Sustainable growth of the communities	Compliance and integrity Transparent engagement and communication

WEG is internationally recognized for its ESG commitment, practices and projects – ranking among the top 5% companies in the EcoVadis index, holding a leadership position in the CPD score, and being rated as a low risk company by Sustainalytics.

Leading global rating agency for comporate Sustainability Management, used as a reference by other companies such as several of our clients.

Leading global rating agency for Corporate Decarbonization Management, used as a reference by other entities such as the ISE-B3 index, among others.

Measures company performance through research and ESG data, serving institucional investors and corporations around the world. The focus of the analysis is on ESG risk, the lower the classification number, the lower the risk the company presents.

WEMOB®, WEG's Mobility division, is your strategic global partner in electric mobility due to its global presence, in-house technology and engineering, complete portfolio, commitment to the ESG, manufacturing in the Western Hemisphere, and software-agnostic products compatible with all management software via the OCPP protocol.

CARMAKERS PARTNERSHIP

WEMOB® products are certified and marketed by these carmakers.

LIGHT VEHICLES

VOLVO, HYUNDAI, Ford, LAND ROVER, FIAT, CITROËN, PEUGEOT, JAGUAR, CHEVROLET, Jeep, RENAULT, Mercedes-Benz, TOYOTA, LEXUS, NISSAN, KIA, DS AUTOMOBILES

HEAVY VEHICLES

Truck Bus, SCANIA, VOLVO TRUCKS, Marcopolo, eletra, Mercedes-Benz

GM and WEG join forces to expand home charging network

WEG innovates and supplies sustainable charging stations to Volvo Car

WEG is the new supplier of electric vehicle charging stations for Mercedes-Benz Cars & Vans Brasil

Weg partners with Horse in powertrain for light and heavy commercial vehicles

WEG now supplies powertrain systems for Volkswagen Caminhões e Ônibus´ e-Delivery electric truck in Brazil

CASES

WEG has many success stories with our partnerships. This is due to our high quality standards, certification processes, in-house engineering team, and continuous improvement in the manufacturing process.

WEG is the official supplier of charging stations for GM

- The agreement provides for the supply of charging stations up to 22 kW for Blazer, Bolt, and Equinox.
- There are dealerships apread across Brazil that sell WEG vehicles and charging stations.

Kia Brazil signs agreement with WEG for the supply of charging solutions for the EV5

- The first 300 Kia EV5 customers will receive WEG's WALL model charging stations from the WEMOB® line, 7.4 kW AC (alternating current).
- Supply of 22 kW charging stations with 2x outlets to dealerships.

JAGUAR + LAND ROVER

WEG is the exclusive supplier for JAGUAR and LAND ROVER

- Jaguar Land Rover (JLR) inaugurated the first electric vehicle charging station with a clean energy concept, reusing I-PACE batteries that would otherwise be discarded and giving this material a sustainable second life.

TOYOTA

WEG is the exclusive supplier of wall charging stations for TOYOTA

- Supply of 22 kW charging stations for installation at TOYOTA and LEXUS dealerships.
- Supply of 7 kW charging stations included with the purchase of the RAV4 Plug-in Hybrid.

HYUNDAI

Hyundai signs agreement with WEG for the supply of charging solutions for the Ioniq 5

- Customers of the new Ioniq 5 will receive WEG´s WALL model charging stations from the WEMOB® line, 7.4 kW AC (alternating current).
- Dealerships will install PARKING 22 kW charging stations and the fast charging option, station 30 kW.

SCOPE OF SUPPLY TO UNITED STATES

STATION MODEL FOR ALTERNATING CURRENT (AC)

12.00 kW

WEMOB® WALL

Illustrative image

STATION MODEL FOR DIRECT CURRENT (DC)

60/120/180 kW DC

WEMOB® STATION

Illustrative image

WEMOB® WALL feature

Table 1 describes the main characteristics of the Charging **WEMOB® WALL** proposed by WEG.

			
GENERAL	Model	WEMOB-W-012-W-R-1NAC-UL	WEMOB-W-012-W-R-1T1-UL
AC INPUT	Supply voltage	100-240 Vca ±10% P+N+G / P+P+G	
	Frequency	50/60 Hz ±5%	
AC OUTPUT	Maximum output power	Up to 12 kW[1]	
	Output voltage	According to supply voltage	
	Output current	6 to 50 A per phase	
MECHANICAL CHARACTERISTICS	Number of outlets	1 cable with connector	
	Connector type	NACS[2]	Type 1[2]
	Size of connection cable with plug	5 meters (7 meters on request)	
	Temperature	-25 °C to 50 °C	
	Protection rating	IP65	
	Protection against external mechanical impacts	IK10	
	Dimension without connector/socket (H x W x D)	1.40 x 0.96 x 0.91 feet	
	Dimension with connector/socket (H x W x D)	NACS - 1.40 x 0.96 x 0.97 feet	Type 1 - 1.40 x 0.96 x 0.91 feet
	Approximate weight	211 oz	
	Pollution degree	3	
ELECTRICAL CHARACTERISTICS	Rated insulation voltage	250 V	
	Rated Impulse-withstand voltage	4 kV	
	Overvoltage category	3	
	Suitable earthing systems	TT / TN-S / TN-C-S	
ELECTRICAL PROTECTIONS	Overcurrent	Included	
	Overtemperature	Included	
	EV communication fault	Included	
	Ground fault detection (residual current protection)	Included - 30 mA AC and 6 mA DC	
	Surge protection (control)	Included - via varistor	
ADDITIONAL CHARACTERISTICS	Energy measurement	Included	
	Identification	LEDs	
	User interaction	Automatic / RFID / Management Software[3]	
CODES AND STANDARDS	Main standards	ANATEL, IEC 62955, IEC 61851-1, IEC 61439-7	
	International certifications	UL, NOM-ULM	
COMMUNICATION	OCPP 1.6 JSON	Included	
	RFID reader	Included (RFID cards not included, they can be purchased separately)	
	WEMOB® Management Platform	Optional[3] (subscription not included, it can be purchased separately)	
	Wi-Fi	Included	
	Ethernet	-	
	4G	-	

Notes: 1) Output power depends on the supply voltage and current. For example, the maximum output power is approximately 7.4 kW for WEMOB® WALL 32 A model when supplied by 230 V.
2) Other configurations and customizations on request.
3) The management software is not mandatory for the station operation, but it can be purchased if desired. See more information in the "WEMOB® Platform" section.

WEMOB® STATION features two simultaneous recharging outputs

Table 2 describes the main features of the Charging **WEMOB® STATION** G2.5 proposed by WEG.

				
GENERAL	Model	WEMOB-S-060-W-E-4G-R-H-1CS1-1NDC	WEMOB-S-120-W-E-4G-R-H-1CS1-1NDC	WEMOB-S-180-W-E-4G-R-H-1CS1-1NDC
AC INPUT	Supply voltage	380-480 Vca ±10% 3P+N+G		
	Maximum input current	193 A	202 A	301 A
	Frequency	50/60 Hz ±5%		
	Power factor	0.9 from 25 to 50% charge		
		0.98 from 50 to 100% charge		
	Efficiency	95%		
DC OUTPUT	Maximum output power[1)]	60 kW DC	120 kW DC	180 kW DC
	Output DC voltage	150 - 920 Vca		
	Output DC current	150 A (60 kW)	300 A (120 kW)	500 A (180 kW)
FEATURES MECHANICAL	Operating temperature	-25 °C to 40 °C - up to 50 °C with derating		
	Protection rating	IP54		
	Protection against external mechanical impacts	IK10		
	Number of connectors	2 plug with fixed cable		
	Connector type	1x CCS1 and 1x NACS		
	Usable cable length	15 feet	15 feet	18.37 feet
	Dimensions (H x W x D)	6.83 x 2.95 x 2.13 feet		
	Approximate weight	≤19,400 oz – 21,164 oz		
	10.1" color LCD screen	Included		
	Installation method	Floor mounted		
ELECTRICAL PROTECTIONS	Short circuit	Included		
	Overcurrent	Included		
	Overvoltage (power module)	Included		
	Undervoltage (power module)	Included		
	Overtemperature	Included		
	EV communication fault	Included		
	Insulation fault (IMD)	Included		
	Voltage surges (control)	Included		
ADDITIONAL CHARACTERISTICS	Energy measurement	Included		
	Identification	LEDs and LCD Screen		
	User interaction	Automatic / RFID / Management Software[2)]		
CODES AND STANDARDS	IEC 61851-1	Yes		
	IEC 61851-21-2	Yes		
	IEC 61851-23	Yes		
	IEC 61851-24	Yes		
	IEC 61439-7	Yes		
	IEC 62196	Yes		
	DIN 70121	Yes		
	ISO 15118	Yes		
	UL 2202	Yes		
	UL 2231-1	Yes		
	UL 2231-2	Yes		
	EMC Class A	Yes		

Notes: 1) WEMOB® STATION charging stations may be built considering other configurations of power, number of cables etc. Contact us for more information.
2) The management software is not mandatory for the station operation, but it can be purchased if desired. See more information in the "WEMOB® Platform" section.
3) A SIM card compatible with LTE Cat M1 or LTE Cat NB1 must be provided by the customer. Which must choose the cell phone operator and bear the costs for data communication services.

WEMOB® STATION HPC features two simultaneous recharging outputs

Table 3 describes the main features of the Charging **WEMOB® STATION** HPC proposed by WEG.

		
GENERAL	Model	WEMOB-HPC-P0640B60-D4 WEMOB-HPC-D2-C1NDC-6A-H32
AC INPUT	Supply voltage	380-480 Vca ±10% 3P+N+G
	Maximum input current	803 A
	Frequency	50/60 Hz ±5%
	Power factor	0.9 from 25 to 50% charge
		0.98 from 50 to 100% charge
	Efficiency	95%
DC OUTPUT	Maximum output power[1)]	640 kW DC
	Output DC voltage	150 - 920 Vdc
	Output DC current per connector	375 A rated / 500 A peak
FEATURES MECHANICAL	Operating temperature	-25 °C to 40 °C - up to 50 °C with derating
	Protection rating	IP54
	Protection against external mechanical impacts	IK10
	Number of dispensers	Up to 2
	Number of connectors per dispenser	2 plug with managment cable
	Connector type	CCS1 and NACS
	Usable cable length	16 feet
	Dimensions dispensers (H x W x D)	7.38 x 3.60 x 1.80 feet
	Dimensions power cabinet (H x W x D)	5.66 x 5.58 x 2.78 feet
	Dispenser approximate weight	≤ 12,345 oz
	Cabinet power approximate weight	≤ 35,274 oz
	LCD screen	15,6-inch or 32-inch
	Maximun distance between power cabinet and dispensers	Up to 200 feet
ELECTRICAL PROTECTIONS	Short circuit	Included
	Overcurrent	Included
	Overvoltage (power module)	Included
	Undervoltage (power module)	Included
	Overtemperature	Included
	EV communication fault	Included
	Insulation fault (IMD)	Included
	Voltage surges (control)	Included
ADDITIONAL CHARACTERISTICS	Energy measurement	Included
	Identification	LEDs and LCD Screen
	User interaction	Automatic / RFID / Management Software[2)]
CODES AND STANDARDS	IEC 61851-1	Q3 2026
	IEC 61851-21-2	Q3 2026
	IEC 61851-23	Q3 2026
	IEC 61851-24	Q3 2026
	IEC 61439-7	Q3 2026
	IEC 62196	Q3 2026
	DIN 70121	Q3 2026
	ISO 15118	Q3 2026
	UL 2202	Q3 2026
	UL 2231-1	Q3 2026
	UL 2231-2	Q3 2026
	EMC Class A	Q3 2026

Notes: 1) WEMOB® STATION charging stations may be built considering other configurations of power, number of cables etc. Contact us for more information.
2) The management software is not mandatory for the station operation, but it can be purchased if desired. See more information in the "WEMOB® Platform" section.
3) A SIM card compatible with LTE Cat M1 or LTE Cat NB1 must be provided by the customer. Which must choose the cell phone operator and bear the costs for data communication services.

PEDESTAL FOR CHARGING STATION (OPTIONAL):

The WEMOB® pedestal was developed for attaching the **WEMOB® WALL** charging station. With a metal panel resistant to water projections, UV rays, scratches and dust, it is perfect for use over time.

The panel locking system protects against unauthorized opening, being able to allocate electrical protections and cables for the installation of the charging station inside.

Illustrative image

PROXIMITY CARD – RFID (OPTIONAL):

A kit with 10 cards (RFID tags) is available that allow controlled access to the charging station, individually packaged in laminated plastic, operating frequency 13.56 MHz, with 1KB memory, width: 85.47 to 85.72 mm, length: 53.92 to 54.80 mm and thickness: 0.78 to 0.82 mm.

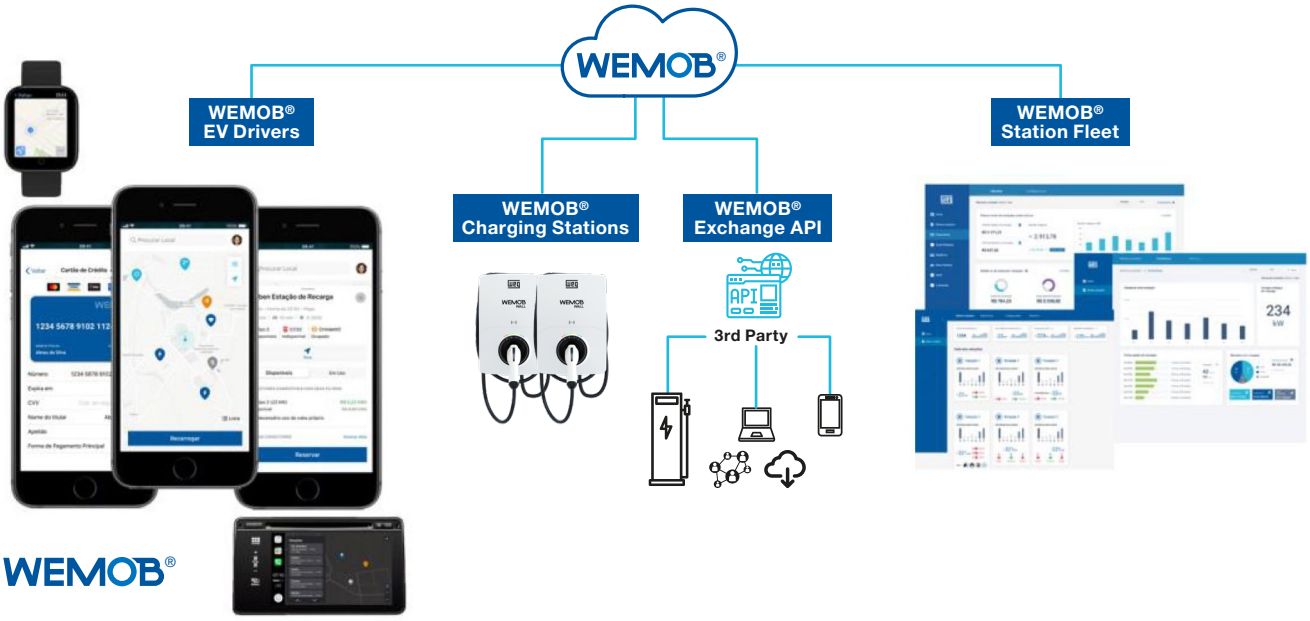
The silkscreen printing of the cards is as below.

Illustrative image

WEMOB®

The WEMOB® line is also composed of a series of accessories that include loose cables, totem for fixing, spare parts, customization of stations and a complete management system that includes a mobile application, web management system and a programming interface (API) for the development of its own applications.

WEMOB® MANAGEMENT PLATORM



WEMOB® EV DRIVERS

WEMOB® EV Drivers is a free mobile application that informs the location of the stations on a map, demonstrating address, real-time status (free, busy, under maintenance), statistics and usage history. The identification (authentication) of users is done through proximity cards (RIFD) or through the app.

USER APP

Monitor the charging of your electric vehicle in real time with a mobile app, for both public and private stations, as well as for domestic stations. With versions available for smart watches and vehicle platforms. Through the app you can:

- Find nearby charging stations
- Plan your route safely
- Move to the charge point without another user starting a charging session while you are moving
- Allow the registration of proximity cards (you can register proximity cards (RFID) for authenticated user access)
- Authenticate the user and release the charging session quickly and intuitively (QR Code)
- Remotely monitor the charging status
- Access the history of charging sessions
- Access the status of available connectors in real time
- View the user profile to find compatible the point and connector

REPLACEMENT PARTS:

WEG charging stations are manufacturing in the Western Hemisphere, with local engineering and with stock of spare parts in and out of warranty.

COMPLEMENTARY PARTS:

Totem, loose cables, network infrastructure and integration with available renewable generation sources.

Notes

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The scope of WEG Group solutions
is not limited to products and solutions
presented in this catalogue.
To see our portfolio, contact us.

For WEG's worldwide
operations visit our website

www.weg.net

+55 47 3276.4000

digitalesistemas@weg.net

Jaraguá do Sul - SC - Brazil

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