

FOOD & BEVERAGE SOLUTIONS



**ELSEWEDY
ELECTRIC**

**BUILDING
SOLUTIONS**

Powering
every *production*

ELSEWEDY ELECTRIC
BUILDING SOLUTIONS

TABLE OF CONTENTS

About Elsewedy Electric	1
Building Solutions	3
Food & Beverage Sector	4
Tractor Head	5
Forklift	7
Light Trucks	8
Elsewedy Plug	10
Battery Swaping Station	11
Charging Management System	12
Fleet Management System	15

ABOUT ELSEWEDY ELECTRIC

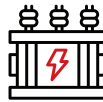
A global infrastructure solutions provider with over 20,000+ employees and revenues of over USD 5.7 billion in 2025. We operate in six key business sectors and have a strong presence in 12 countries with 34 production facilities. We export to over 100 countries worldwide. We offer an all-in-one integrated Engineering, Procurement & Construction (EPC) service, enabling us to deliver the most complex turnkey projects.

We are committed to facilitating the global transition toward a sustainable energy future and to driving decarbonization, digitalization, and sustainable transition in Egypt and beyond. Our growth has been driven by hiring talents and empowering businesses and communities where we operate. We enable customers to digitize and meet the challenges of an ever-changing world. We are committed to doing our best to serve our customers while caring for the environment.

WE OPERATE IN SIX KEY BUSINESS SECTORS



**WIRES, CABLES &
ACCESSORIES**



**ELECTRICAL
PRODUCTS**



**ENGINEERING &
CONSTRUCTION**



**INFRASTRUCTURE
INVESTMENTS**



**DIGITAL
SOLUTIONS**



**BUILDING
SOLUTIONS**



25+
YEARS
of experience



**Financial
Strength**



**Product
Diversity**



**Sector
Expertise**



**Geographic
Reach**

GLOBAL PRESENCE



34

**PRODUCTION
FACILITIES**



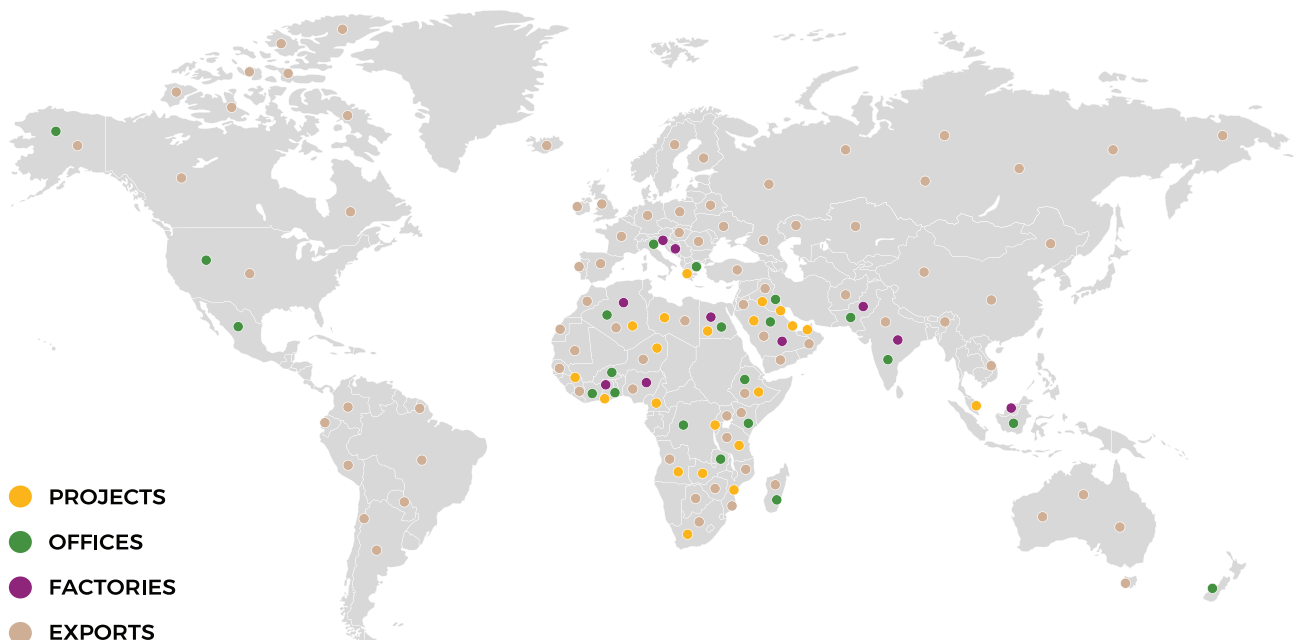
60

**OPERATION
COUNTRIES**



100

**EXPORTING
COUNTRIES**



BUILDING SOLUTIONS

At Elsewedy Electric Building Solutions, we believe in shaping the future through innovation, reliability, and strategic global partnerships. As part of Elsewedy Electric Group, we leverage decades of regional expertise and combine it with SANY’s global engineering excellence to redefine the landscape of construction, mining, logistics, and industrial machinery in Egypt and across Africa.

Together, we deliver a complete range of world-class heavy equipment and trucks, backed by exceptional after-sales support, advanced technical capabilities, and an unwavering commitment to reliability, value, and long-term sustainability



MACHINERY



HEAVY EQUIPMENT
Comprehensive portfolio of advanced machinery solutions.



POWER GENERATION
Reliable power solutions for continuous, backup, and renewable energy needs.

MEP



COOLING & HEATING
Efficient HVAC solutions for optimal comfort and performance.



COPPER TUBES
High-quality copper tubes for various applications.



VERTICAL TRANSPORTATION
Safe and reliable elevator and escalator systems.



WATER INFRASTRUCTURE SOLUTIONS
End-to-end solutions for water transfer, irrigation, and fire protection.

INTEGRATED SMART SOLUTIONS



BUILDING AUTOMATION & SMART INFRASTRUCTURE
Smart systems for efficient building management.



INTELLIGENT BUILDING SOLUTIONS
Integrated solutions for connected buildings.

FOOD & BEVERAGE SOLUTIONS

The Food & Beverage industry demands transportation solutions that deliver reliability, efficiency, and uncompromising performance. Through Elsewedy Building Solutions, the exclusive distributor of SANY in Egypt, businesses gain access to advanced electric mobility solutions engineered to optimize logistics, maximize productivity, and support sustainable growth. As part of Elsewedy Electric Group, Elsewedy Building Solutions combines more than 80 years of engineering excellence with SANY's world class innovation to provide intelligent transportation solutions tailored to the evolving needs of the Food & Beverage sector.

From electric light duty trucks for urban and last mile deliveries to high performance electric tractor heads for regional distribution, SANY's electric vehicle portfolio delivers zero emission performance, exceptional reliability, and operational efficiency across every stage of the supply chain. Supported by a nationwide after sales network, expert technical services, and comprehensive maintenance solutions, every vehicle is engineered to maximize uptime, reduce total operating costs, and ensure uninterrupted business continuity. Together, Elsewedy Building Solutions and SANY are driving the future of sustainable transportation for the Food & Beverage industry.



TRACTOR HEAD

MODEL KQY1000001044

Our Heavy-Duty Tractor Heads are designed to simplify field operations and handle demanding transport tasks with ease. With a Gross Vehicle Weight (GVW) of up to 120 tons, they deliver exceptional pulling power and durability. Powered by high-performance DEUTZ engines and equipped with FAST transmissions, these tractors ensure superior torque, smooth gear transitions, and long-lasting reliability. Available in 6×4 and 8×4 configurations, they provide the perfect balance of strength, efficiency, and operational versatility for heavy-haul applications.

ENGINE	Model: DUETZ – D13C3-520E0	
	Displacement: 12.94	Power: 520 HP \ 1900 rpm
	Torque: 2550 Nm @ 1000-1400 rpm	Emission Standard Euro
TRANSMISSION	Model: Fast 12JZ26A + QHG50C AMT	Type: Manual & Automatic Mechanical Gearbox (AMT)
	Forward Gears: 12	Reverse Gears: 2
	Clutch: Single dry plate	Hydraulic steering wheel, left-hand drive
OTHER	Frame Parameter: 300x (940-850) x (8+7) mm, Partial three-layer, Reinforcement	
	Suspension: 9 font leaf Spring \ 10 Rear leaf spring	
	Tires: R24	GCW : 110 TON



**TRACTOR
HEAD**
HIGH ROOF CABIN

MODEL
KQY1000001044



TRACTOR HEAD

MODEL KQY1000001067

ENGINE	Model: DUETZ – D12C3-435E1	
	Emission Standard Euro	Displacement: 12 L
	Power: 435 HP \ 1900 rpm	Torque: 2150 Nm @ 1000-1400 rpm
TRANSMISSION	Model: Fast 12JZ26A + QHG50C AMT	Type: Automatic Mechanical Gearbox (AMT)
	Forward Gears: 12	Reverse Gears: 2
	Clutch: Single dry plate	Hydraulic steering wheel, left-hand drive
OTHER	Frame Parameter: 300x (940-850) x (8+7) mm, Partial three-layer, Reinforcement	
	Suspension: 3 font leaf Spring \ 5 Rear leaf spring	
	Tires: R22.5	GCW : 60 TON



TRACTOR
HEAD
HIGH ROOF CABIN

MODEL
KQY1000001067



PARAMETER	UNIT	SCP20C6	SCP25C6	SCP30C6	SCP35C6
Rated load capacity	Q(kg)	2000	2500	3000	3500
Load center distance	c(mm)	500	500	500	500
Wheel base	y(mm)	1650	1650	1750	1750
Dead weight	kg	4020	4350	4620	4800
Tire type	/	Pneumatic	Solid	Solid	Solid
Front tire specs	/	28×9 15 14PR	28×9 15	28×9 15	28×9 15
Rear tire specs	/	21×8 9 14PR	21×8 9	21×8 9	21×8 9
Max travel speed	km/h	18/18	18/18	20/20	20/20
Max lifting speed	mm/s	400/470	480/500	400/470	420/480
Lowering speed	mm/s	420/480	420/480	420/480	420/480
Traction force	N	14500	13000	16800	16800
Gradeability	%	20/20	16/20	20/20	20/20
Service brake	/	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Parking brake	/	Mechanical	Mechanical	Mechanical	Mechanical

Power & Performance

Travel up to 20 km/h and climb 20% grades, powered by a permanent magnet drive with fast charging from 0-90% in 1.5 hours.

Safety & Protection

IP67 core protection and IPX4 full-vehicle shielding, with optional human detection.

Reliability & Support

Backed by a 5year / 10,000-hour warranty.

LIGHT TRUCKS

LEFT-HAND DRIVE

1. Stylish & Functional Design

- Co-designed with Pininfarina
- LED headlights with DRL
- 7" digital cluster & 12" smart screen
- Column shifter & drive-by-wire chassis

2. Advanced Safety & Smart Technology

- 85kWh EPB, Auto-Hold, AEBS, FCW, LDW, 360° view
- Fatigue monitoring
- Intelligent VCU with multi-mode drive & energy recovery

3. Superior Driver Comfort

- Spacious 2040 mm cabin with flat floor
- Oversized sleeper berth for long trips

4. Efficient Power & Load Performance

- High-efficiency electric motor
- Robust steel frame & aluminum cargo box
- High load capacity with low energy use



LIGHT
TRUCKS
LEFT-HAND DRIVE



LIGHT TRUCKS

Model		6 Ton 86 KWA	6 Ton 106kWh	6 Ton 106kWh Refrigerated	10 Ton 215 kWh
Curb Weight (kg)	Class Chassis	2335	2525	-	3700
	Box-type Cargo Container	2845	3035	3380	4210
Payload(kg)		3155	2965	2620	5790
GVW(kg)		6000	6000	6000	10000
Maximum Speed(km/h)		90	90	90	110
Maximum Gradeability / Minimum Turning Radius		≥20% / <7	≥20% / <7	≥20% / <7	≥20% / <7
Urban Combined Driving Range (km)		240	300	260	500
Battery Type / Capacity (kWh) / Voltage(V)		LFP/85/563	LFP/106/461	LFP/106/461	LFP/215/653
Energy Supply		DC Fast Charge + AC Trickle Charge (6.6kW)	DC Fast Charge + AC Trickle Charge (6.6kW)	DC Fast Charge + AC Trickle Charge (6.6kW) DC Fast Charge + AC Trickle Charge (11kW)	DC Fast Charge + AC Trickle Charge (11kW) DC Fast Charge + AC Trickle Charge (22kW)
Charging Time		20%-80% ≤40min	20%-80% ≤40min	20%-80% ≤40min	20%-80% ≤48min
Category		PMSM	PMSM	PMSM	PMSM
Rated/Peak Power(kW)		60/115	60/115	60/115	92/200
Brake		EHB+ABS+ESC+ Braking Energy Regeneration Function	EHB+ABS+ESC+ Braking Energy Regeneration Function	EHB+ABS+ESC+ Braking Energy Regeneration Function	EHB+ABS+ESC+ Braking Energy Regeneration Function
Parking		EPB	EPB	EPB	EPB
Tire		7.00R16	7.00R16 215/75R17.5	7.00R16	215/75R17.5

PLUG ELSEWEDY ELECTRIC

Plug is a subsidiary of Elsewedy Electric and a leading Charge Point Operator (CPO) in Egypt, providing advanced electric mobility solutions. The company offers smart charging stations for golf carts and e-scooters, battery swapping stations, and integrated management platforms; Charging Management System (CMS) and Fleet Management System (FMS).

Dedicated to developing a one-stop-shop for EV infrastructure, Plug’s mission is to develop, and operate reliable and efficient charging solutions that promote and accelerate the adoption of electric mobility. As a full-service provider, Plug delivers professional installation, intelligent software support, and ongoing maintenance, ensuring seamless and sustainable operations.



BATTERY SWAPING STATION

Quick Battery Swaps	Modular Design
Replace batteries in under 2 minutes for maximum uptime.	Compatible with a wide range of e-bike and golf cart models.
Smart Monitoring	ECO Friendly
Integrated software tracks battery health and usage in real time.	Supports sustainable transportation with efficient energy management.
Key Features	
Dimensions: (HxWxD) 800mm*850 m*1850mm	
No. of Slots: -20°C to +50°C	
IP Rating: IP54	
Protocols Supported: HTTP/HTTPS, OCPP	
Input Voltage: 800mm*850 m*1850mm	

IDEAL FOR:

- Golf Courses & Resorts
- Urban Mobility & Delivery Services
- Hotels & Recreational Facilities



CMS (CHARGING MANAGEMENT SYSTEM)

Plug's Charging Management System (CMS) is a centralized platform for the professional management and operation of Electric vehicles' charging infrastructure and fleets. It deliver real-time monitoring and intelligent control to ensure optimal charging performance and reliability.

1. Centralized Control & Monitoring

- A highly secure backend that offers real-time visibility & control over all charging points & fleet operations.
- Supports seamless integration with existing platforms & enables fast issue detection & resolution.

2. Deep Analytical Insights

- An integrated analytical portal providing real-time & historical data on charger utilization, energy consumption, demand peaks, & revenue generation.
- Empowers data-driven decisions and long-term planning.

3. Seamless User Experience

- Intuitive interfaces for users to locate, reserve, and manage charging sessions.
- Offers smart features such as charging schedules and loyalty programs.

4. Advanced Load Management

- Intelligent static & dynamic load balancing to ensure stable energy distribution across sites.
- Helps avoid infrastructure overloads & reduce electricity costs during peak hours.

5. Analytical Portal

- Centralized access to operational data with customizable views across individual or grouped assets (locations, users, sessions, cards).
- Supports infrastructure optimization & grid integration planning.

6. Advanced Load Management

- In-depth filtering tools to generate custom reports based on various operational parameters.
- Ideal for internal performance reviews, compliance reporting, or strategic business insights.

FMS (FLEET MANAGEMENT SYSTEM)

Plug's (FMS) gives you complete visibility and control over your fleet operations from a single, intuitive platform. With real-time data, AI-driven analytics, and seamless system integration, FMS transforms fleet data into actionable insights; helping you improve uptime, enhance safety, ensure compliance, and optimize operational efficiency.

Live Fleet Dashboard

Gain a real-time, panoramic view of your entire fleet from a single intuitive dashboard. Monitor key metrics and performance indicators instantly to support faster, smarter decisions.

AI-Powered Analytics & API Integration

Transform fleet data into actionable insights using AI-driven analytics. Predict failures, detect anomalies, and seamlessly connect fleet intelligence with your business systems in real time.

Vehicle Management

Maintain a complete and accurate record of all fleet vehicles in one centralized system. Track assignments, documentation, and utilization to ensure compliance and operational efficiency.

Employee Management

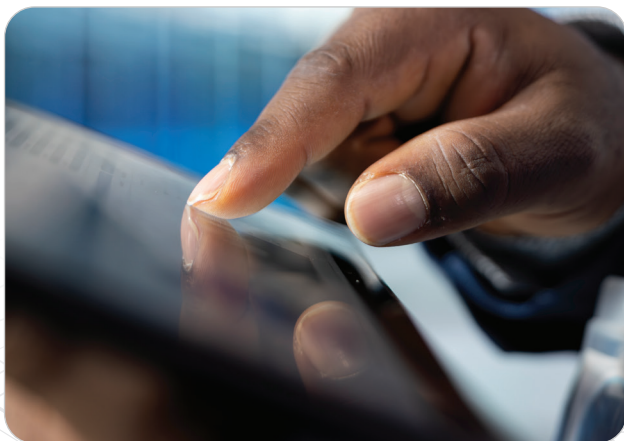
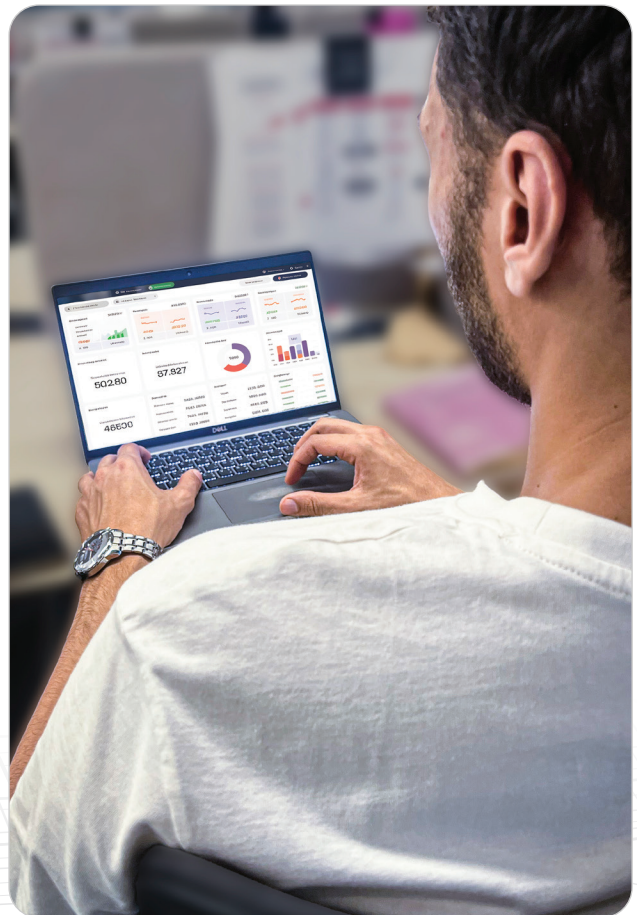
Organize your workforce with clear roles, permissions, and hierarchical structures. Improve collaboration and workflow efficiency through structured task assignment.

Driver Management

Manage drivers efficiently with detailed profiles, license tracking, and automated renewal alerts. Ensure accountability through clear vehicle assignments and driver self-service access.

Inspections & Compliance

Conduct structured, digital vehicle inspections using customizable e-forms. Track compliance, schedules, and inspection history with a clear audit trail.



FMS (FLEET MANAGEMENT SYSTEM)

Tires Management

Manage tires as individual assets with full lifecycle visibility. Track wear, positioning, and replacement schedules to ensure safety and cost control.

GPS Tracking & Trip Management

Track vehicles live with accurate GPS data and full trip history. Ensure route compliance and automate trip timing using geofencing.

Vendor Management

Centralize all vendor information, services, and financial transactions in one platform. Gain full visibility over payables, suppliers, and operational costs.

Maintenance Hub

Control all maintenance activities from inspections to work orders through one central hub. Identify issues early and streamline service execution to reduce downtime.

Issues Management

Log, track, and resolve fleet issues efficiently from detection to closure. Minimize vehicle downtime and maintain optimal performance.



Powering
every *production*

ELSEWEDY ELECTRIC
BUILDING SOLUTIONS



ELSEWEDY ELECTRIC BUILDING SOLUTIONS

Plot No. 13co3, CFC, 5th Settlement, P.O. Box 310, New Cairo, Egypt.



Call Now
19159



info@elsewedymachinery.com
www.elsewedymachinery.com