

WEGDAY

2026

Data Center Portfolio

Manfred Peter Johann
Vice President of Automation & Systems

Why is the market in the spotlight?

- We live in a **fully connected world**
- New 5G networks bring **more speed** and expand the **volume of data**
- IoT devices and sensors continuously generate **information**
- **Processes** and services rapidly migrate to the **digital world**
- Modern applications require **stable infrastructure**
- **AI increases demand** for capacity and performance



**DATA CENTER IS THE HEART
OF DIGITAL TRANSFORMATION**

Typical Data Center

Facility dedicated to keep **uninterrupted** operation of IT equipment for data processing, storage and connectivity

CRITICAL MISSION Environment
(24h x 7days/week)

1 Substation

2 Electrical Room

3 Technical Corridor

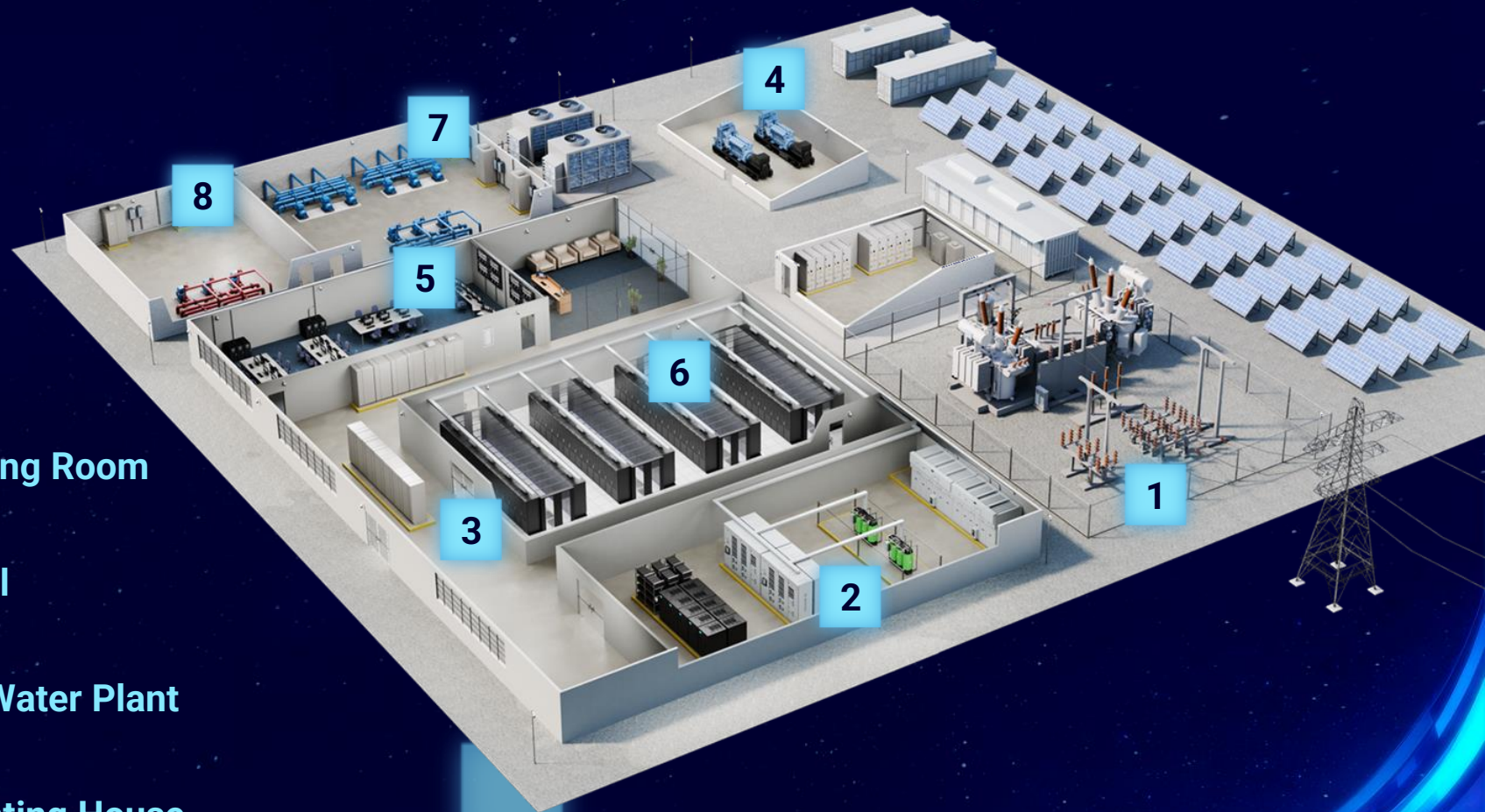
4 Generator Room

5 Monitoring Room

6 Data Hall

7 Chilled Water Plant

8 Fire Fighting House



Data Center Types

Data Center Type	Characteristics	Companies
Edge Computing	Installed close to users to reduce latency	NETFLIX [B] ³ vivo Spotify
On Premise / Enterprise	Installed within the company, and under its full control	WEG bradesco itaú
Colocation Retail	Rental of space in the data hall with all the infrastructure needed for the client's equipment	EQUINIX Ascenty cirion Elea DATA CENTERS
Colocation Wholesale	Long-term rental of an entire data hall with infrastructure for large data volumes. Long-term contracts with SLA (Service Level Agreement)	Elea DATA CENTERS Ascenty TAKODA Data Centers cirion
Hyperscale AI Inference	Infrastructure optimized to run already-trained AI models, with high parallel processing capacity and low latency	G A G Y M Alphabet aws Microsoft
Hyperscale AI Training	Robust infrastructure with GPU processors and TPUs to train AI models, requiring high energy consumption and high connectivity	G A G Y M Alphabet aws Microsoft

Data Center Types

Site and rack power density

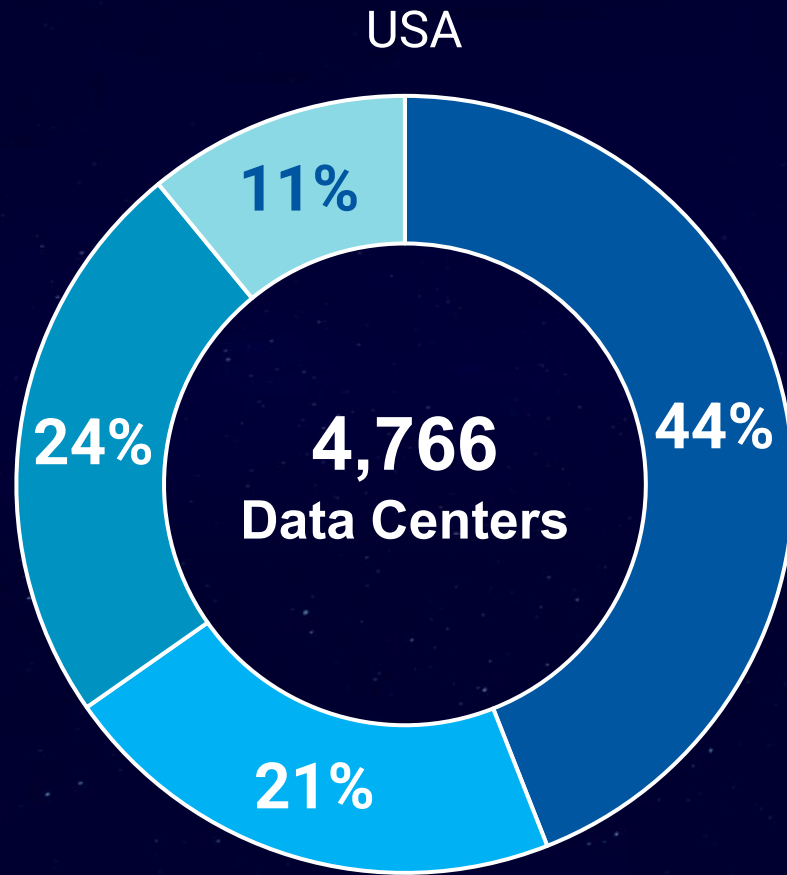
Data Center Type	Site (MVA)	kW/Rack
Edge Computing	0.01 to 5	1 to 10
On-Premise / Enterprise	0.1 to 20	1 to 10
Colocation Retail	10 to 50	1 to 50
Colocation Wholesale	20 to 100	10 to 100
Hyperscale AI Inference	50 to 300	50 to 100
Hyperscale AI Training	300 to 1,000+	50 to 200+

The trend toward higher **power density/rack** may require new technologies, such as **power supply 800 VDC** (Volts Direct Current)

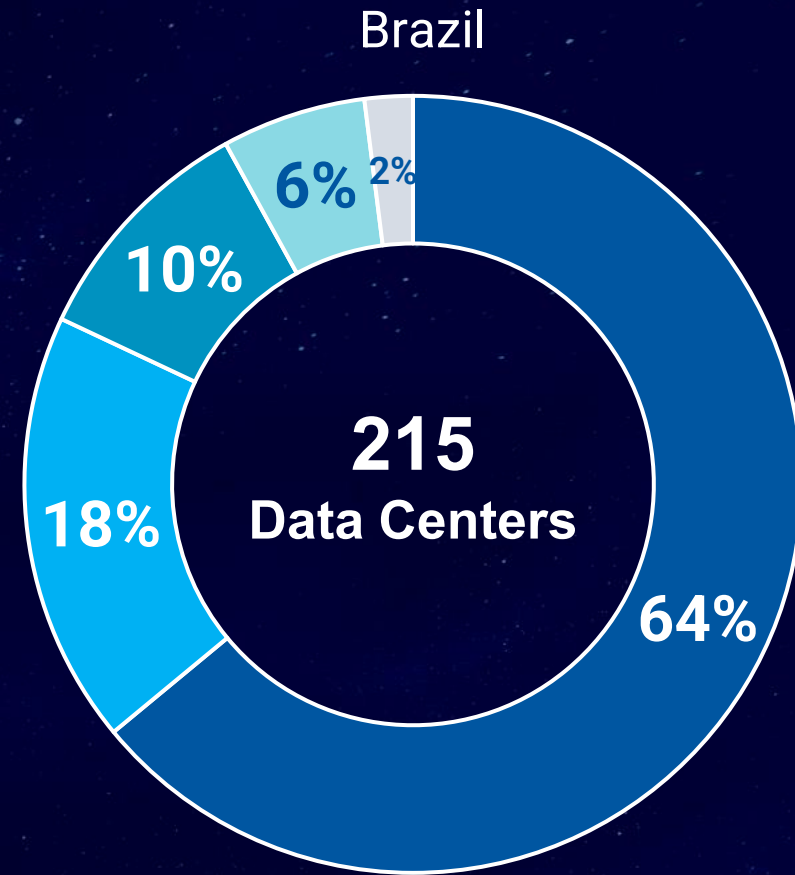


Data Centers in the USA and Brazil

Quantity by region (Colocation e Hyperscale)



South West Midwest Northeast



Southeast South Northeast Central-West North

Data Center in Brazil

REDATA approved in September 2026

Incentivize new investments in digital infrastructure in Brazil

Tax benefits on the purchase of equipment, components and services for Data Centers

Energy: 100% of electricity demand from renewable or low-emission sources

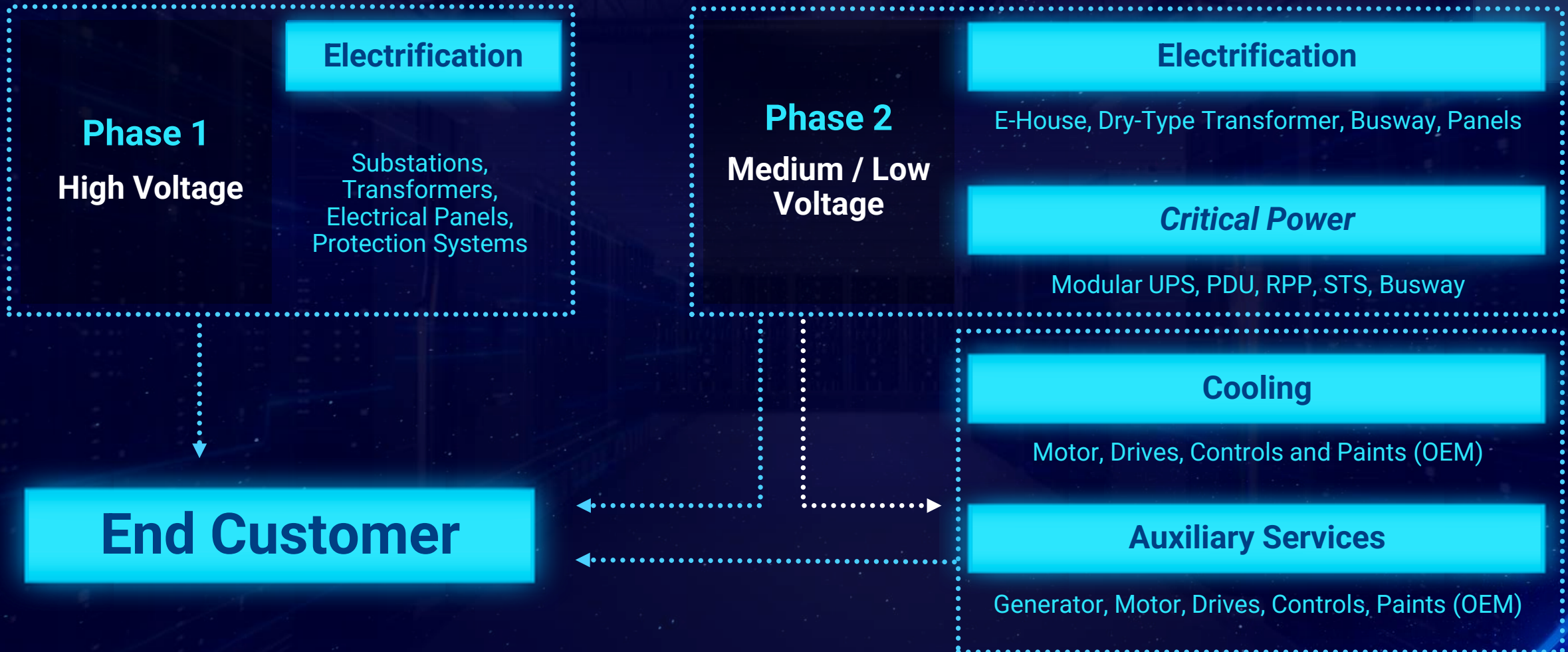
Opportunity: by accelerating investments in data centers in the country, it will increase demand for products from WEG's data center portfolio

Data Center Market Players



Data Center Projects

Negotiation phases



Data Center - Automation

WEGDAY
2026

Road Map



Data Center - Automation

Portfolio Benchmark



Automation	Peer A	Peer B	Peer C	Peer D	Peer E	2026	up to 2030
Medium and Low Voltage Panel	●	●	○	◐	◐	◐	●
Fully tested low voltage panels	●	●	○	◐	●	◐	●
Modular UPS	●	●	●	●	●	◐	●
RTMW – 48 Vdc	●	◐	●	◐	●	◐	●
PDU (Power Distribution Unit)	●	◐	●	●	◐	◐	●
RPP (Remote Power Panel)	●	●	●	●	◐	◐	●
RATS (Rack Transfer Switch)	●	◐	●	●	●	◐	◐
Rack and Hot/Cold Aisle Containment	●	●	●	●	●	○	◐
Busway with sliding tap-off boxes	●	◐	●	●	●	◐	●
E-House Modular	◐	◐	◐	○	○	◐	●
E-House Edge	◐	◐	◐	○	◐	◐	●
BESS	○	◐	○	○	○	◐	●
Data Center Infrastructure Management	●	◐	◐	◐	◐	◐	◐

● Have ○ Do not have

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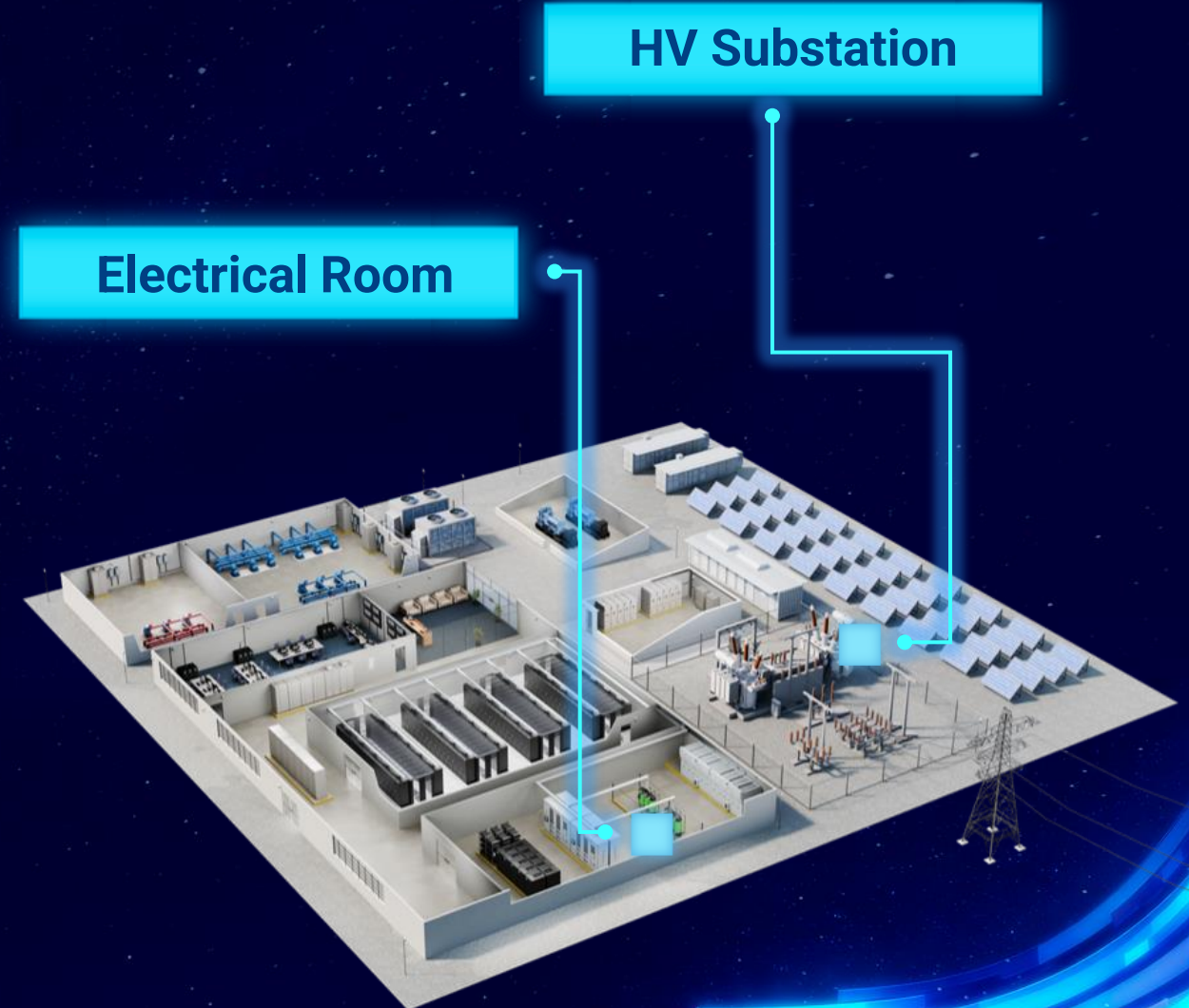
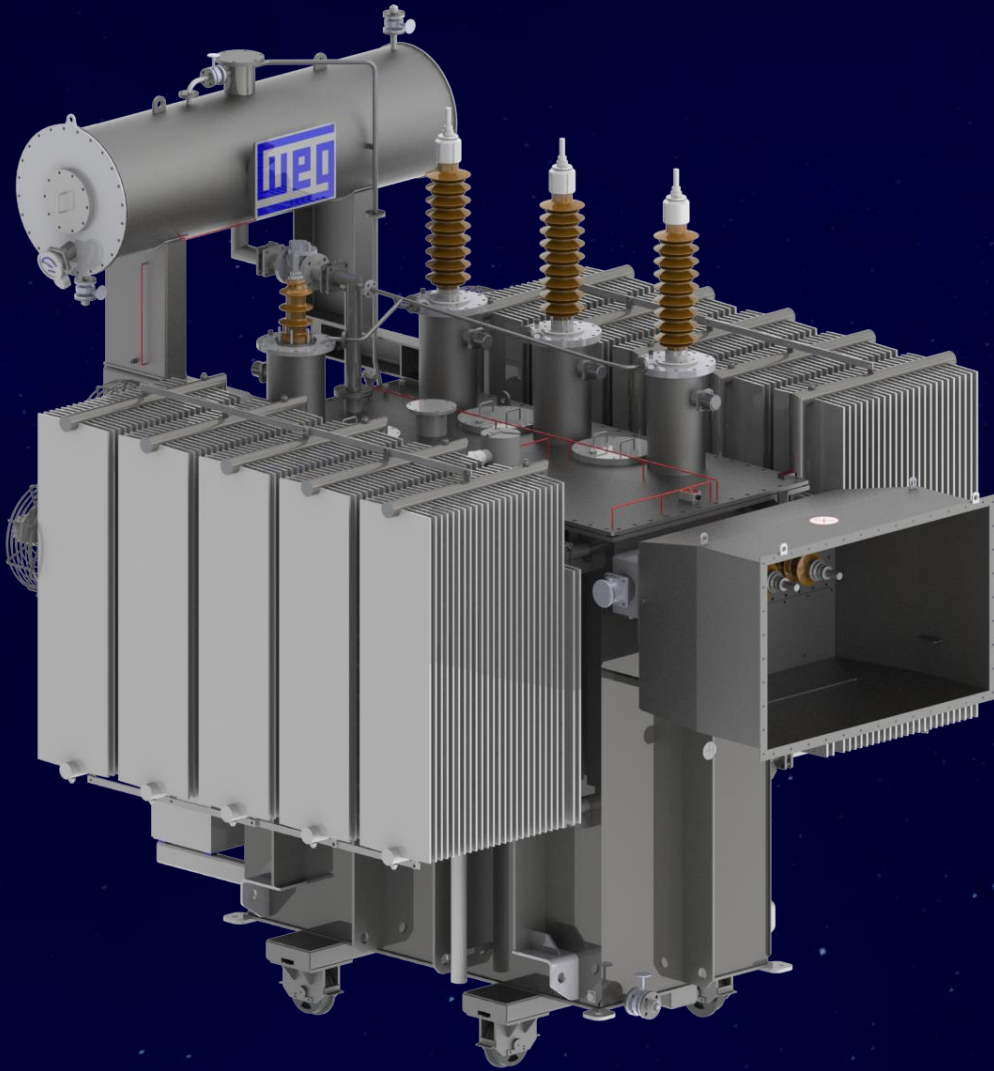
2026

Transformers

Carlos Diether Prinz

Vice President of Transmission and Distribution

Data Center - Transformers



Data Center - Transformers

Complete portfolio

Pad Mounted



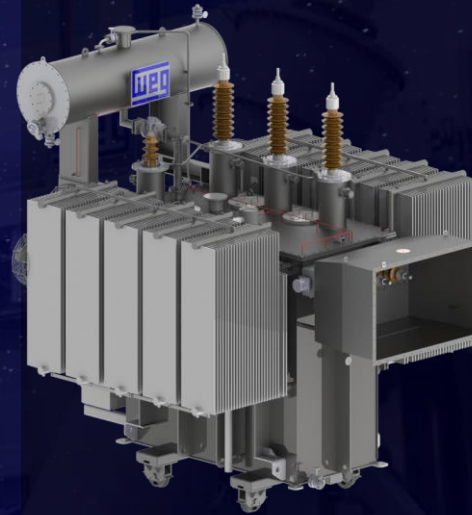
**Up to 3 MVA
24 kV**

Dry-Type



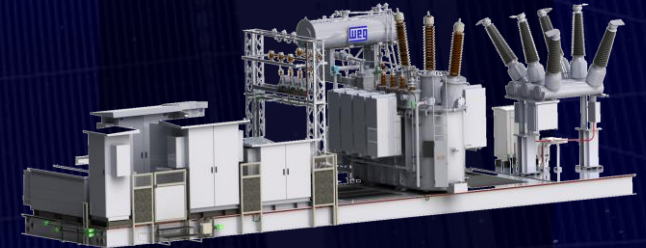
**Up to 20 MVA
36 kV**

Power



**Up to 500 MVA
550 kV**

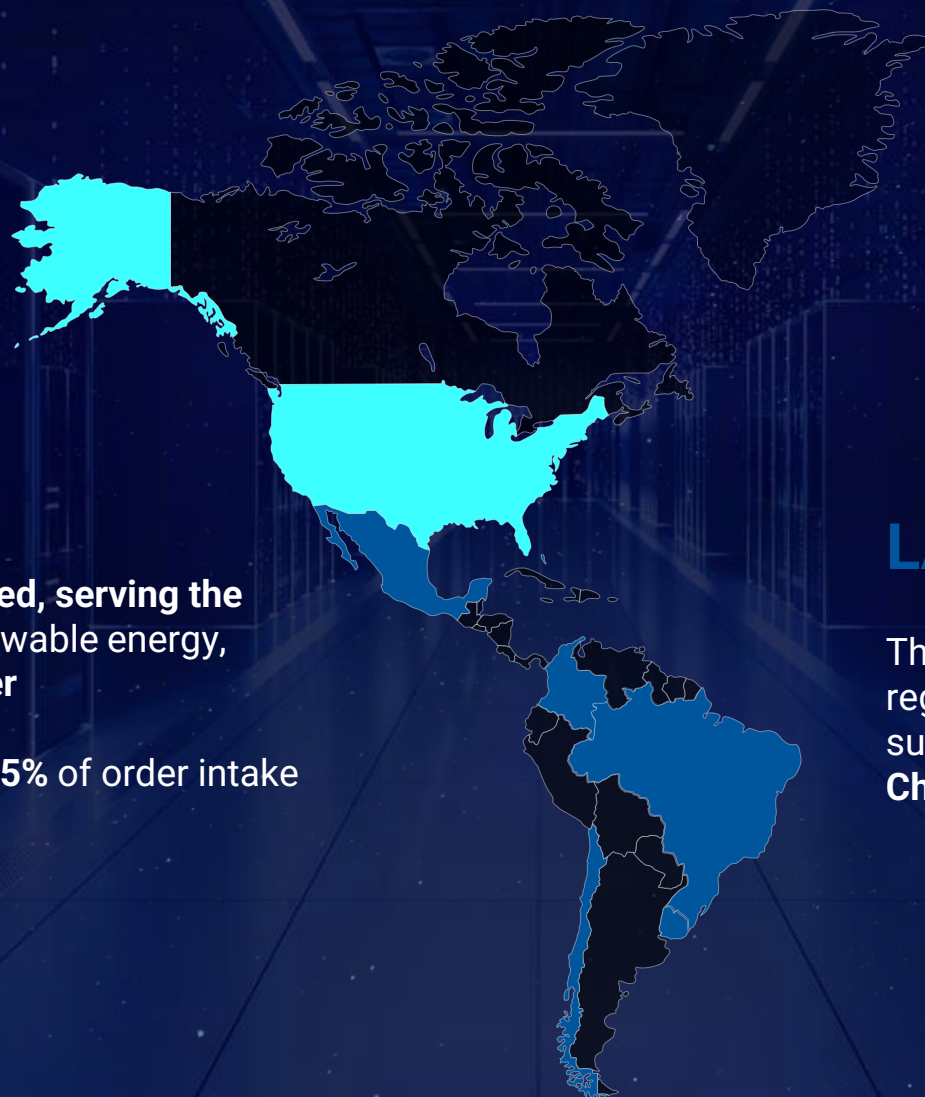
Substation



Up to 550 kV

Data Center - Transformers

Growing demand



USA

Order intake remains diversified, serving the main segments: Utilities, Renewable energy, BESS, Industry and **Data Center**

Data Center accounted for **18.5%** of order intake over the last 12 months

LATIN AMERICA

The segment has been developing rapidly in this region, and WEG follows this market with supplies in countries such as **Mexico, Brazil, Chile, Colombia and Uruguay**

Data Center - Cases



OMNIA

Focused on meeting the high demand for artificial intelligence and high-performance computing. This project has an initial processing capacity of 200 MW, and once completed will be considered the largest data center in Latin America

Scope: 124 Dry-Type Transformers of 3.75 MVA totaling 465 MVA WTFM (Asset Management)

Location: Caucaia (CE)



SCALA

SCALA designs, builds and operates critical infrastructure focused on high density, artificial intelligence and energy efficiency, using 100% renewable energy. The company relies on WEG transformers to power the SP3 and SP4 data centers.

Scope: 26 Dry-Type Transformers, Shielded Busway, Rectifiers, with various ratings totaling over 59 MVA WTFM (Asset Management)

Location: São Paulo (SP)

Data Center - Cases



PROJECT 01

The transformers will power a large Data Center installed by the client.

Scope: 23 Transformers of 70 MVA / 138 kV (total 1.6 GVA)

Location: USA



PROJECT 02

The client will use the transformers to supply a large Data Center.

Scope: 8 Power Transformers of 250 MVA / 230 CDC / 34.5 kV (total 2.0 GVA)

Location: USA

Data Center - Cases



ODATA

ODATA has 3 data center sites in Mexico and is part of the Aligned Data platform, which operates more than 40 data centers across the Americas

Scope: 14 Dry-Type Transformers 3.3 MVA / 34.5 kV (total 45 MVA)

Location: Mexico



PROJECT 03

The equipment will play a crucial role in the stability and continuity of the power supply

Scope: Total +150MVA of installed capacity
2 Power Transformers 75 MVA / 150kV
2 Pad Mounted Transformers 250 KVA-22 / 0.4 kV
2 Grounding Transformers 1016 kVAr / 22 kV

Location: Uruguay

WEGDAY

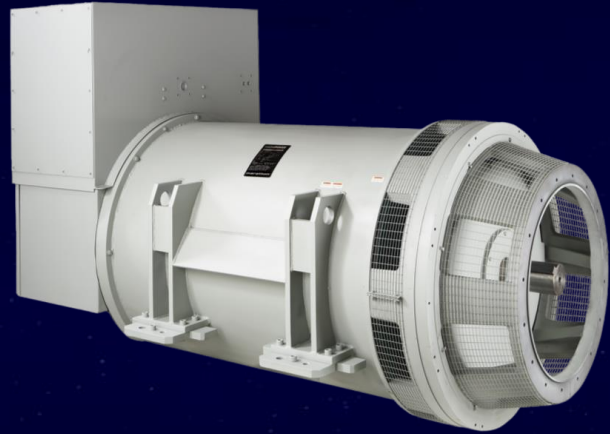
2026

**Power
Generation**

João Paulo Gualberto da Silva

Vice President of Energy

Data Center - Generators



Generator Room

Generation



Data Center - Generators



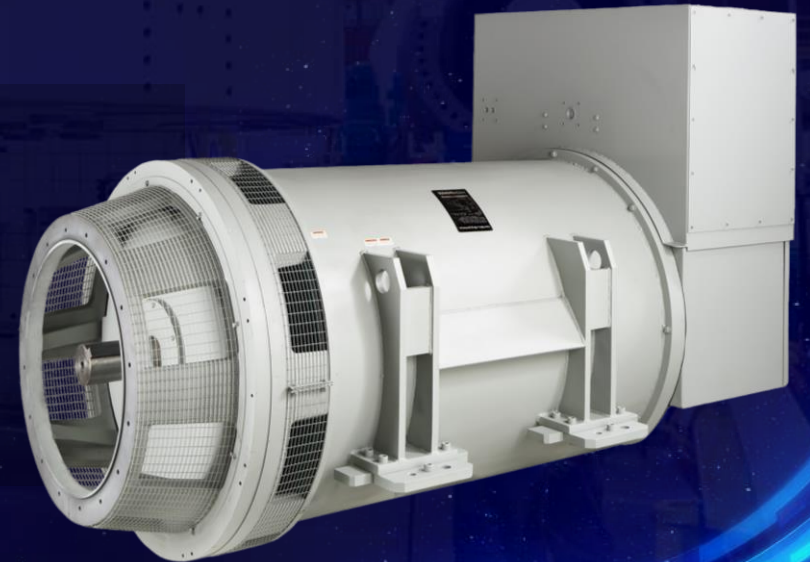
WEG

- 500 kW to 1100 kW
- Low Voltage
- 50 Hz and 60 Hz



Marathon DATAMAX

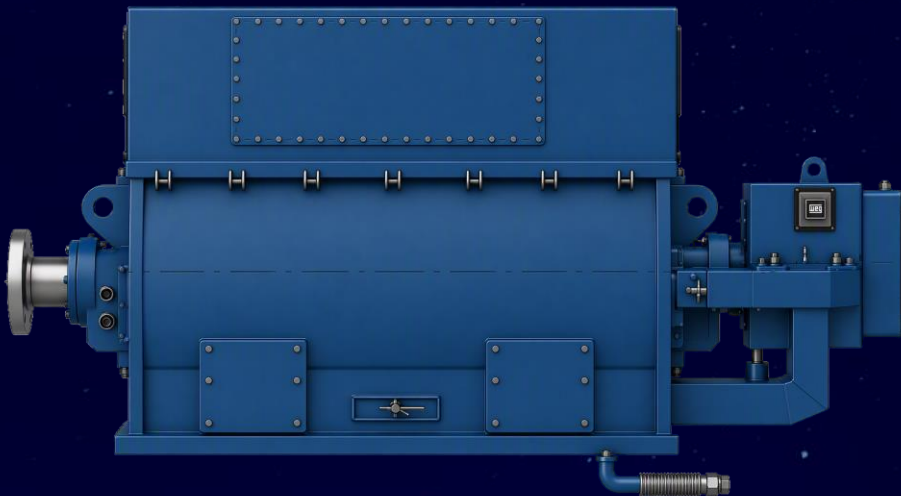
- 1100 kW to 3500 kW
- Low / High Voltage
- 50 Hz and 60 Hz



Data Center - Generators

Large Turbo Generators

- Application: Gas Turbines
- Power: up to 60 MVA
- 4 Poles
- 11 kV / 13.8 kV
- 50 Hz / 60 Hz



**MODULAR SOLUTIONS
WITH GAS TURBINE**

Generators - Capacity Increase

Phase 1



Mexico



8,000 m²



R\$ 122 million



Operational in 2Q27



Phase 2



North America (location to be defined)



37,000 m²



R\$ 718 million



Production start 3Q28 / Operational in 2030

Global manufacturing capacity

Current	10 per day
Phase 1	+10 per day
Phase 2	+30 per day
Total	50 per day

Data Center - Cases



PROJECT 04

4 GW AI campus intends to use large-scale on-site power generation to meet the growing computing demand

Scope: 2,200 Generators of 2.5 MW 13.8 kV

Location: USA



PROJECT 05

Prime power generation for gas turbine application

Scope: Turbo generators above 30 MW 13.8 kV

Location: USA

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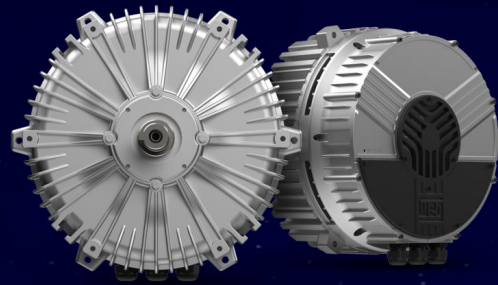
2026

**Electric
Motors**

Rodrigo Fumo
Vice President of Industrial Motors

Data Center - Electric Motors

Present in the Data Center thermal chain



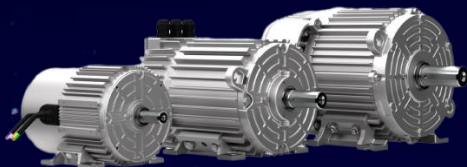
Chilled Water Plant

Data Hall

Chiller

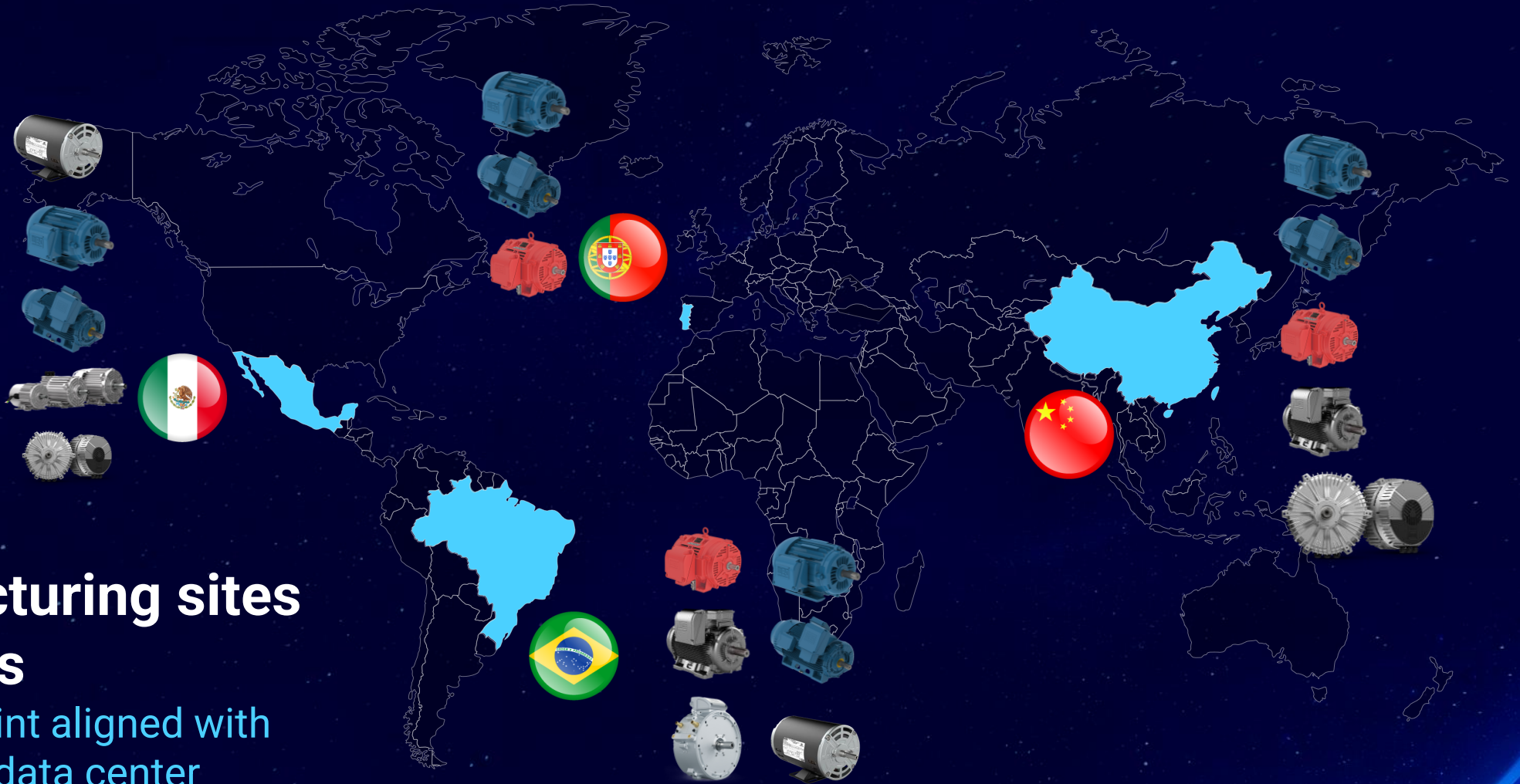
Fire Fighting House

Technical Corridor



Global Industrial Presence

Electric Motors



26 manufacturing sites
14 countries

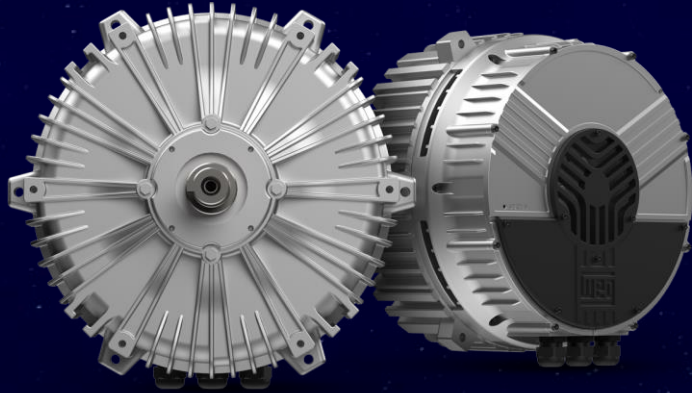
Industrial footprint aligned with
the main global data center
expansion hubs

W30 Slim Smart EC

Integrated efficiency for ventilation in Data Center

+ Motor
+ Electronics
+ Control

A SINGLE
SOLUTION



- Permanent magnet motor with integrated electronics
- Drive built into the motor
- Continuous variable speed
- Compact construction and IP55



Applications:

- Computer Room Air Handler (CRAH)
- Computer Room Air Conditioner (CRAC)
- Fan Wall
- Fan Array
- Cooling Tower
- Dry Cooler
- Evaporative Fluid Cooler
- Rooftop Unit (RTU)
- Air Handling Unit (AHU)



COMPACTNESS | EFFICIENCY | THERMAL CONTROL | INSTALLATION SIMPLIFICATION

W23 Sync+

High efficiency for the Data Center cooling infrastructure



IE5 and IE6

High Efficiency

0.75 to 1,250 kW

Wide power range

Up to 36%

Fewer losses vs IE3



Applications:

■ Coolant Distribution Unit (CDU)

ENERGY EFFICIENCY | VARIABLE SPEED | VERSATILITY

W80 AXgen

Compactness aligned with the evolution toward liquid cooling

Distinctive technology that can meet the growing need for compactness of the new cooling systems



Axial flux

High power density

up to 10× lighter

versus conventional motors *

up to 80% more compact

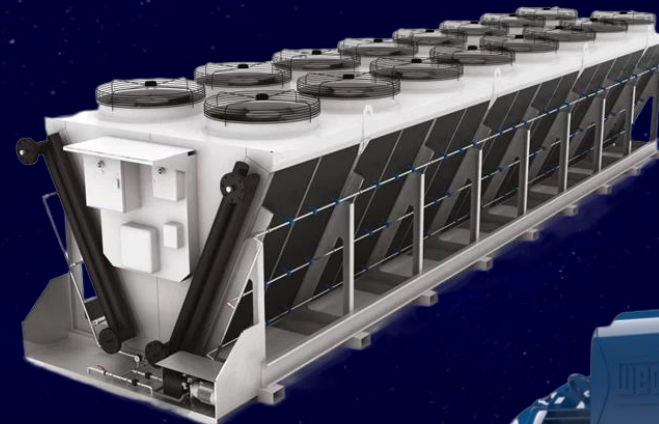
potential to reduce equipment volume*

Possibility of integrating multiple units

Integration with CFW900

Applications:

- Chiller
- Coolant Distribution Unit (CDU)



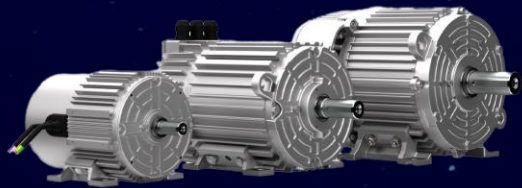
W22 x W80



COMPACTNESS | REDUCED NOISE | ENERGY EFFICIENCY

Technology evolves...

... but traditional motors remain essential



W30 Smart EC

Compactness
+ control



W01

Compact +
efficiency



W21 and W22

Versatility
+ robustness



W50/51 HD

Power
+ heavy duty



W60

High efficiency +
reliability

Data Center - Electric Motors

Portfolio Benchmark



Technology and Power						2026	up to 2030
	Peer A	Peer B	Peer C	Peer D	Peer E		
IM IE5 Motors							
Up to 4.5 kW							
4.5 to 75 kW							
PM Motors							
Up to 4.5 kW							
4.5 to 75 kW							
ECM Motors							
Up to 4.5 kW							
4.5 to 11 kW							



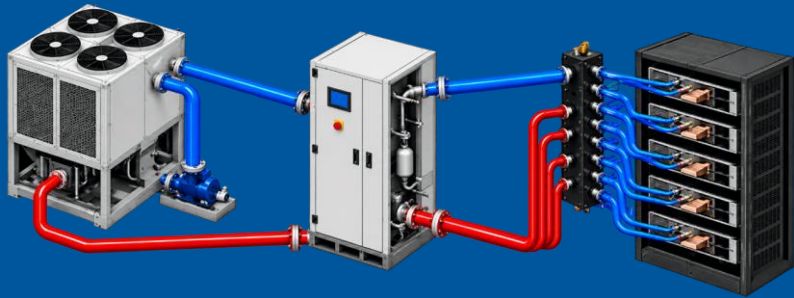
Have



Do not have

IM = Induction Motor IE5
PM = Permanent Magnet
ECM = Electronically Commutated Motor

Data Center - Cases



PUMP MANUFACTURER CONTRACT

Liquid cooling systems and CDUs (Coolant Distribution Unit), with strong demand for compact, efficient and reliable motors

Scope:

Inside the Data Hall: Pumps for CDU - W22 and W01 Motors, 15 to 20 HP, 25,000 units

Outside the Data Hall: Auxiliary pumps - W22 and W40 Motors, 30 to 250HP, 2,000 units

Location: USA



COOLING SYSTEMS MANUFACTURER CONTRACT

Growing demand for efficiency and space is accelerating the adoption of ECM-type motor technology

Scope: W30 Slim Smart EC, 5HP, 9,000 units

Location: USA

Data Center - Cases



VENTILATION SYSTEMS MANUFACTURER CONTRACT

Multiple large-scale projects for air cooling systems

Scope: W22 motors for cooling tower, 50 to 60 HP, 1,379 units

Location: USA



COOLING SYSTEMS MANUFACTURER CONTRACT

Multiple large-scale projects for industrial cooling equipment

Scope: W60 motor 1300 HP, 128 units

Location: USA

FULL Product portfolio

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Data Center

1

HV Substation

- HV Transformers
- HV Disconnectors
- TCs and TP
- SPCS (Substation Protection and Control System)
- E-House
- HV Primary Panels
- Rectifiers and Battery Bank
- Access Control and CCTV
- Online asset management
- BESS
- Paints

2

Electrical Room

- E-House
- HV Secondary Panels
- MV/LV Dry Transformers
- Shielded Busbar
- LV Switchgear
- Modular UPS and Battery Bank
- Rectifier and Battery Bank
- Access Control and CCTV
- Online asset management
- Paints

3

Service Aisle

- PDU (Power Distribution Unit)
- LV Switchgear
- LV Motors for HVAC
- Online asset management
- Paints

4

Generator Room

- Generators
- Switchboards
- Automatic Transfer Switches
- BESS (Application as a complement to Genset)
- Online asset management
- Paints

5

Monitoring Room

- UPS Modular
- BMS/DCIM
- Online asset management
- Access Control and CCTV
- Paints

6

Data Hall

- RPP (Remote Power Panel)
- UPS Modular
- Modular Rectifier
- Shielded Busbar
- Industrial Sockets
- Transfer Switches
- Online asset management
- Access Control and CCTV
- Paints

7

Chilled Water Room

- W22 Motors
- LV Drive Panels
- Online asset management
- Access Control and CCTV
- Paints

8

Fire Fighting House

- LV Motors
- LV Drive Panels
- Online asset management
- Access Control and CCTV
- Paints



Estimate for WEG's addressable market
is currently approximately

15%

of the cost of a Data Center Facility
(total cost excluding servers)

KEY MESSAGES

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2026

- Development of new **products and solutions**
- **Broad portfolio** to serve the market
- Opportunity for accelerated growth