

THIS IS WEG INDIA

Industrial Motors
Commercial &
Appliance Motors
Automation
Digital &
Systems
Energy
Transmission &
Distribution
Coatings

Products
and **solutions**
portfolio



Driving efficiency and sustainability







At WEG, we always believe it is possible **to do better.**

Therefore, we work every day to make things better.
All products, processes and developments are intended for the increase of efficiency.

Anytime, anyplace. **This is WEG India.**

- Low voltage motors
- High voltage motors
- Generators
- VFD and soft-starters
- Industrial and building automation
- Wind Turbines





Electric Motors

Efficiency and reliability for the industry

High performance with maximum energy efficiency, this is the most important feature of WEG's electric motors.

Considered as one of the world's largest electric motor manufacturers, this Business Unit offers solutions for several types of applications, from commercial and residential to industrial, always focusing on customer needs.

The development of products focused on the real needs of customers results in a high degree of satisfaction due to the versatility, reliability and durability confirmed in the most severe applications.

In addition to commercializing its products via the network of Branches, Distributors and Agents, WEG provides after-sales services for specific applications and installations, through its qualified Service Agents Network.

Efficiency

WEG manufactures a complete line of electric motors complying with, and even exceeding, all global markets required efficiency levels.

Our commitment to sustainability leads us to research new technologies to produce high efficiency products.

A simple company. Our vertical process guarantees the design and manufacture of an electric motor specially designed for your application, at the time you need it.

Improved efficiency motors providing higher reliability with lower operating cost, which results in a more effective production process.

Reliability

WEG is a vertically integrated company, with the largest manufacturing site of electric motors in the world, all in one place.

Investments in research and technology innovation and continuous improvements in our production processes allow us to manufacture highly reliable electric motors.

Our qualified team of engineers is fully dedicated to design electric motors with:

- Higher efficiency;
- Reduced size, vibration levels and temperature;
- High reliability;
- Lower operating cost.

WIN LINE

LOW VOLTAGE MOTORS

Product scope

- Safe area application
- Three-phase industrial motors
- Output range from 0.18 kW to 500 kW
- Frame range from 71 to 355A/B
- Polarity 2P, 4P, 6P & 8P
- Efficiency levels IE2, IE3 & IE4



Main competitive advantages that are part of WEG standard design

- 3 years domestic warranty
- Standard design suitable for VFD Application (up to 575 V)
 - WISE® Insulation System
 - Insulated NDE endshield from frame size 315S/M up to 355A/B
- BIS certified: High Efficiency (IE2), Premium Efficiency (IE3) & Super Premium Efficiency (IE4)
- CE/UKCA mark: High Efficiency (IE2) up to 0.55 kW, Super Premium Efficiency (IE4) complete range & Premium Efficiency (IE3) except from 75 kW to 200 kW due to new European efficiency regulation
- Compact design
- Low vibration level



WEGSEE+
Payback and energy efficiency calculator.

www.weg.net

Driving efficiency and sustainability





Flexible solutions for sustainable energy

With the experience of those who have already manufactured more than 114,000 MVA of generators, the Energy Business Unit offers products for the most diverse applications, from a simple to complex machine drawings for indoors and outdoors environments. Besides commercializing the products and solutions, this Business Unit is focused on specialized customer service a providing after-sales and technical support for different applications and installations.

Sustainable energy

Efficient products that contribute to environment protection and generation of clean energy.



Services

WEG offers repair, redesign and repowering services for electrical and mechanical machines, including other brands, which are carried out at the factory or in the field.

In addition to maintaining a wide range of specialized services in the field, the company counts on a network in charge for all after-sales support. These services include analysis of inquiries, field services, including evaluation, machine commissioning and 24/7 support.

The service area counts on a qualified and duly trained team for the most diverse field situations and remote support, using the latest equipment, providing a reliable service.



Generators

- Alternators for generator sets
 - Power rating: from 7.5 kVA
 - Voltages: from 220 to 13,800 V
- Hydrogenerators
 - Power rating: up to 150,000 kVA
 - Voltages: up to 13,800 V
- Turbogenerators
 - Power rating: up to 200,000 kVA, 2 and 4 poles
 - Voltages: up to 13,800 V
- Induction generators
- Synchronous hydro generators up to 200 MVA
- Synchronous turbo generators up to 60 MVA
- Synchronous alternators
- Synchronous condensers up to 150 MVar
- Wind generators



High voltage special industrial motors

- Induction motors
 - Power rating: up to 50,000 kW
 - Voltages: from 220 to 13,800 V
- Synchronous motors up to 110 MW
 - Power rating: up to 110,000 kW
 - Voltages: from 220 to 13,800 V
- Squirrel cage induction motors up to 50 MW
- Slip ring induction motors up to 50 MW
- Traction motors



Wind turbines

- Rated power: 4.2 MW
- Voltage: 33 kV

Speed multipliers

- Used in small hydro power plants and electric power generating plants



Automation

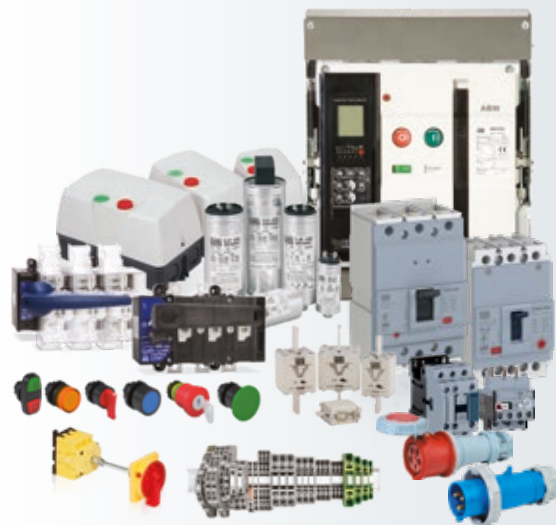
Industrial systems enhancing productivity

Leader in the Brazilian market for frequency inverters, soft-starters and controls, the Automation Business Unit develops solutions for the increase of efficiency, productivity and competitiveness of its customers through process automation, with focus on operational safety and energy saving.

This Business Unit stands out as reference in the supply of LV & MV Drives & Controls and Machine Safety worldwide.

Controls

- Power contactors, compact contactors and control relays
- Motor starters
- Motor protective circuit breakers
- Pushbuttons & pilot lights
- Smart connection
- Timing, voltage and liquid level monitoring relays
- Industrial sensors and power supplies
- Multimeters
- Terminal blocks
- Miniature circuit breakers (from 3 up to 10 kA)
- Residual current circuit breakers
- Molded case circuit breakers
- Air circuit breakers
- Vacuum circuit breakers
- Switch-disconnectors
- aR and gL/gG fuses
- Surge suppressors
- Metallized polypropylene motor-run capacitors
- Power factor correction capacitors
- Power factor controller
- Industrial plugs and sockets



LV drives

- AC frequency inverters
- Modular drives system
- Self-standing frequency inverters
- AC/DC converters
- Soft-starters
- Programmable logic controllers (PLCs) and IHMs
- Remote units
- Servomotors and servo drives
- Dedicated drives (Crane & Hoist, HVAC, Plastic IMM, Lift/Elevator)
- Decentralized drives (IP66, up to 16 A)
- Active Front End and Fundamental Front End



MV drives

- Medium voltage frequency inverters
- Medium voltage soft-starters

Machine safety

- Electronic zero-force touch buttons
- Safety emergency pull-cable switch
- Interlock switches
- Limit switches
- Contactors for safety applications
- Safety light screens
- Safety relays
- Bidirectional sensor
- Magnetic sensors with safety function



Electrical panels

- Full tested panels
- Voltage Motor Control Centers (MCCs)
- E-houses
- MV panels
- Compact medium voltage protective switchgears
- Voltage load centers



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



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The values shown are subject to change without prior notice.
The information contained is reference values.