



ELECTRIC
BRASIL

BUSINESS UNITS



Macaé/RJ - Rotating Machines Solutions (RM)



Rio de Janeiro/RJ – Power Service Solutions (PS)



Belo Horizonte/MG: - Engeneering and automation solutions (EA)



Serra/ES: Electrical Construction Projects (CT)



MI ELECTRIC IN NUMBERS

+250

Employees

+150

Trained and certified professionals to attend field services

+80

Active customers

24

Hours per day available for urgent calls

04

Business units in Brazil

03

OEM certifications

CERTIFICATIONS



**Systems
Integrator**

ISO 9001

**BUREAU VERITAS
Certification**



ABNT NBR IEC 60079-19 - HV/LV
Ex motor/generator repair (shop & field)



Assistência
Técnica
Autorizada





AUTOMATION SOLUTIONS



Customized Solutions for New E-Houses

New E-Houses



Medium Voltage and Low Voltage

Detailed Engineering

Automation and Network Configuration

Assembly & Factory acceptance testing (FAT)

Commissioning & Start-up



Customized Solutions for New Switchboards

OUR SWITCHBOARD



Medium and Low Voltage SWBD

Customized solution combining components of **different manufacturers.**

IEC 61850 Standard
with GOOSE and MMS communication

Online Temperature Monitoring

Integrated Supervisory System



MORE SAFETY

MORE QUALITY

MORE EFFICIENCY

MORE RELIABILITY



POWER SERVICES SOLUTIONS



Electrical Maintenance in Shutdown and Turnaround Projects

Power Services



5 Year Special Periodic Survey (SPS)

Retrofits & System Troubleshooting

Partial Discharge Testing

Protection Relays and
Circuit Breakers Calibration

Digitalization of E-Houses

Transformer Testing



AC & DC Drives and Softstarters



B Basler Electric

AC & DC Drives and Softstarters
Troubleshooting and Commissioning

B Basler Electric Authorized Distributor in Brazil



Specialist Engineers and Qualified Manpower



Electrical Engineering Solutions For your Business

Engineering Solutions



Short Circuit and Selectivity Study

Power Quality Studies

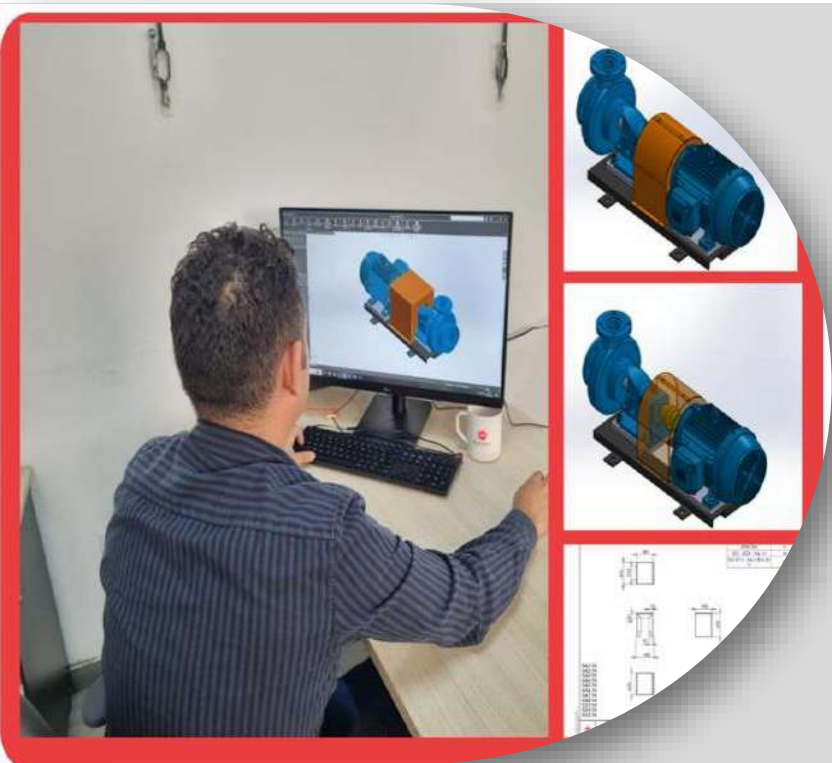
Digitalization of E-Houses

Design of new AC and DC systems

Digitalization of E-Houses

Power System Startup and
Commissioning





NR-10, NR-37 & NR-12 Management

NR-10, NR-37, NR-12



Management of all related scopes

Field Service team dedicated to the
Contract (Full availability)

Site survey for Complete Inspection

Non-Conformities Management

Adequacy Plan and Adequacy
Campaign onboard

Technical responsibility note (ART)



Workshop Solutions

For Circuit Breakers,
Contactors & Relays

Repair



ROTATING MACHINES SOLUTIONS



Generators & Motors

Preventive and Corrective Maintenance

Rotating Machines



Based Condition Maintenance (CBM)

Motors and Generators Inspection

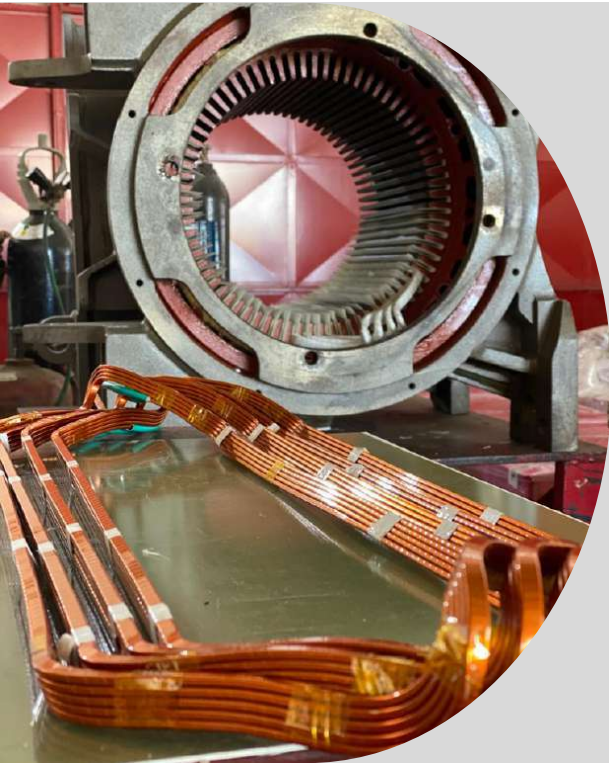
Special Electrical Tests

Cleaning of Stator and Rotor with
CO2 (dry ice) on site

Laser alignment and vibration analysis

Motor Shaft Voltage Testing

Thurster motors & generators
bearing replacement onboard

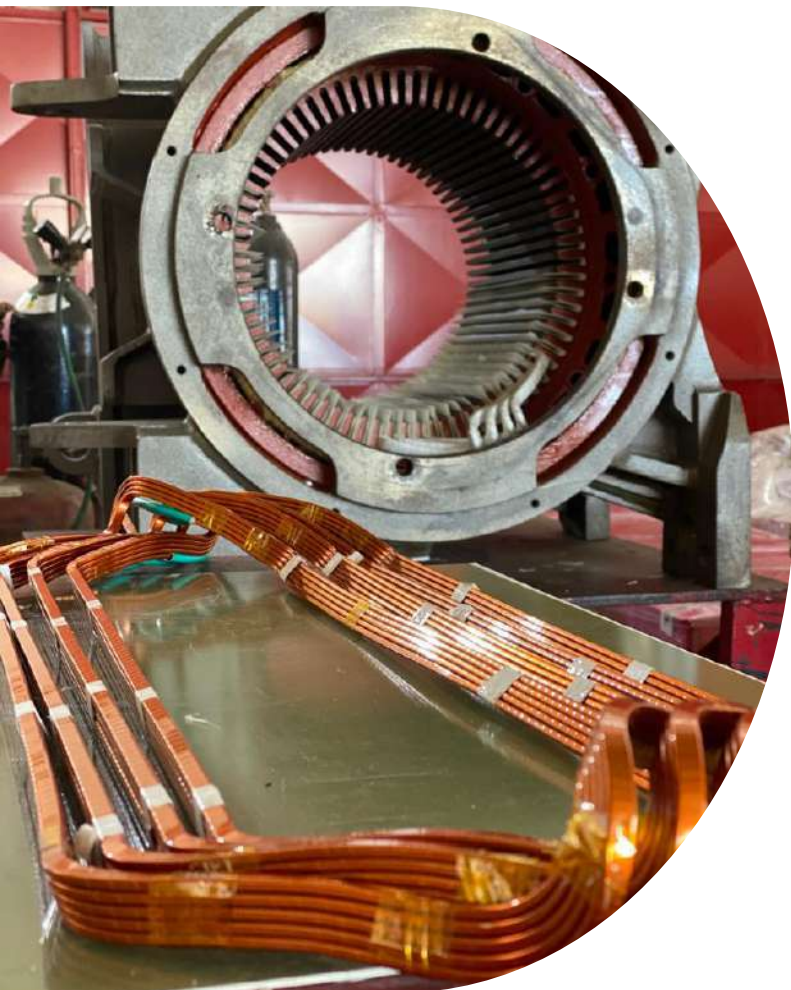


Workshop Solutions

For Ex Motors &
Generators

Repair

Workshop Solutions



WEG authorized Workshop for repairs of Ex motors and generators in low and high voltage

ABNT NBR IEC 60079-19
Certificated team for repair
On site and in workshop

Complete Overhaul

Complete Rewinding

Special Electrical Tests

24/7 Workshop

CONTACT US



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Business Units:

Belo Horizonte • **MG**

Rio de Janeiro • **RJ**

Macaé • **RJ**

Vitória • **ES**

