



EWc GROUP srl

Energy & Water Construction
Yur Reliable Partner

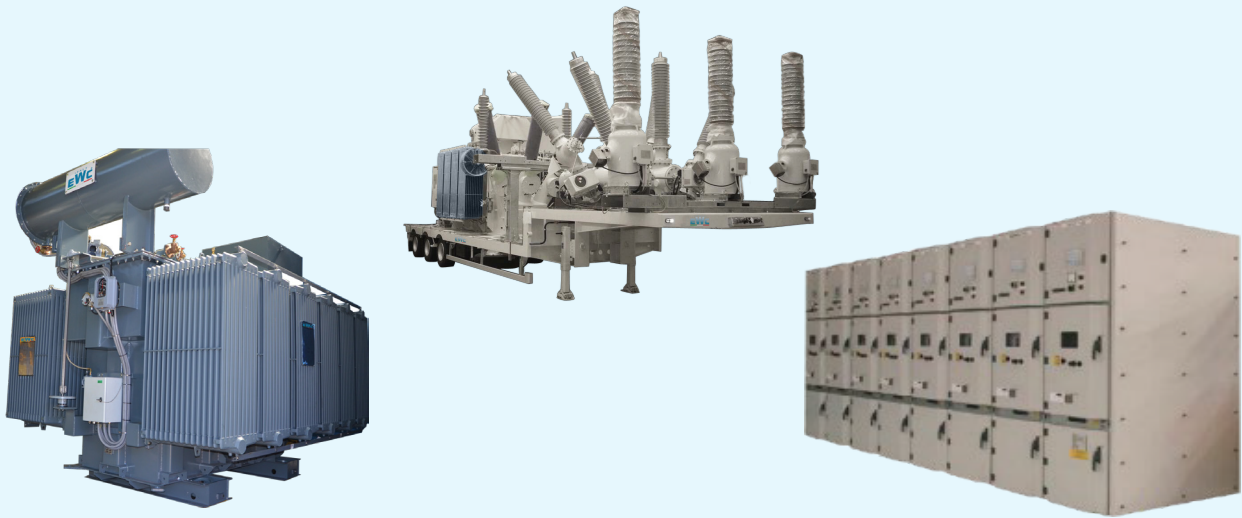
Company Profile

EWC GROUP is the result of the merge of the very high professional skills of a group of people who decided to share their single expertise for creating a smart, reliable and efficient company. Our sales and production network is composed by a huge number of cooperators and we can guarantee a complete support and service. The first target of our company is to reach the high level quality and excellence both in the products and in the services for giving our customers and partners the best result in terms of efficiency and quality of support.

EWC GROUP was founded with idea of spreading the culture of Green Energy and contribute to reducing CO2 emissions. We are facing to a global energy challenge: the demand for energy grows and threatens our climate. That's why the world is revising its energy future. The plants that can be powered by renewable sources are many. The production in the energy sector includes: Medium Voltage Metal-Clad Switchgears up to 36kV, Medium Voltage Metal-Enclosed Switchgears up to 36kV, Low Voltage Switchgears (PC, MCC and PMCC), MV/LV Package Substations (kiosks), Fixed and Mobile Substation (HV/MV-MV/MV), Generators (From 1 to 3150 kVA), Power and Distribution Transformers (oil-filled, cast-resin and dry-type). Over the years we have acquired valuable experience in all areas of energy systems and designed for important groups in Italy and abroad. The continuous updating and experience allow us successfully confront all customer requirements. Due to the evolution of energy market, EWC GROUP has specialized in construction of pre-assembled, pre-tested in the workshop and suitable for carriage, including plants designed and implemented on issues and specific customer requirements. In addition to the construction of plants, We offer maintenance services and management, study updates, training and advisory.



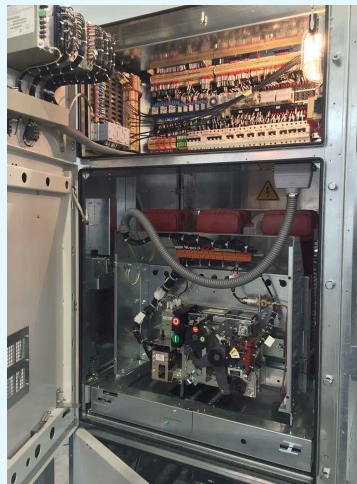
Products



The production of EWC GROUP in the energy sector includes: Medium Voltage Metal-Clad Switchgears up to 36kV, Medium Voltage Metal-Enclosed Switchgears up to 36kV, Low Voltage Switchgears (PC, MCC and PMCC), Command and Control Special Panels, Air-insulated and SF6-insulated Metal-enclosed Ring Main Units, MV/LV Package Substations (kiosks), Fixed and Mobile Substation (HV/MV-MV/MV), Generators (From 1 to 3150 kVA), Power and Distribution Transformers (oil-filled, cast-resin and dry-type), Pole-mounted Switchers, Solar Panels and Plug&Play Systems. Over the years we have acquired valuable experience in all areas of energy systems and designed for important groups in Italy and abroad. The continuous updating and experience allow EWC GROUP successfully confront all customer requirements. Due to the evolution of energy market, EWC GROUP has specialized in construction of pre-assembled, pre-tested in the workshop and suitable for carriage, including plants designed and implemented on issues and specific customer requirements. In addition to the construction of plants, EWC GROUP offers maintenance services and management, study updates, training and advisory.



M.V. Metal-Clad Switchgear up to 36kV



EWC GROUP designs and manufactures Medium Voltage Switchgears (Metal-Clad) type up to 36kV - up to 4000 A - up to 40 kA for 3 sec. with SF6 or vacuum circuit breakers.

M.V. Metal-Enclosed Switchgear up to 36kV



EWC GROUP designs and manufactures Medium Voltage Switchgears (Metal- Enclosed) type up to 36 kV - up to 1250 A - up to 25 kA for 1 sec. with SF6 or vacuum circuit breakers.

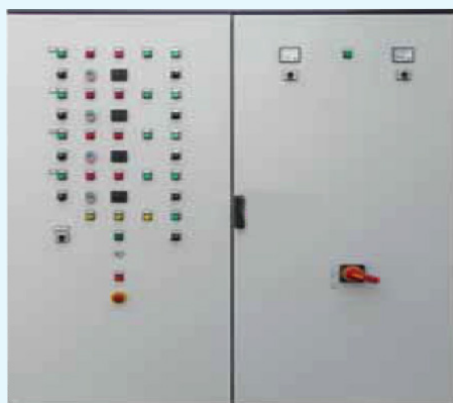
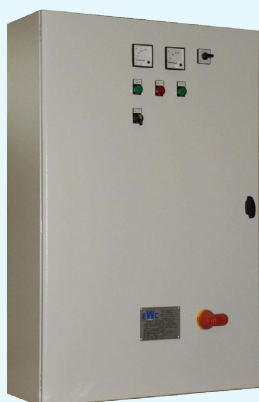
Low Voltage Switchboards (PC, MCC and PMCC)



EWC GROUP designs and manufactures below Low Voltage Switchboards:

- ❖ LV switchboards PC, PMCC type up to 1000 V – 6300 A – 150 kA.
- ❖ MCC type with fixed and withdrawable drawers type up to 1000 V – 3200 A – 70 kA.

Command and Control Special Panels



EWC GROUP designs and manufactures below command and control special panels:

- ❖ QAPS10 serie SOFT START starting control panel
- ❖ QAPR10 serie REACTANCE starting control panel
- ❖ Panels for Water pumping stations
- ❖ Frequency inverter control panels
- ❖ ATEX directives
- ❖ Panels with remote control



SF6 & Air Insulated Ring Main Units



EWC GROUP designs and manufactures below Ring-Main-Units:

- ❖ OUTDOOR SF6 Insulated Metal-Enclosed Ring Main Unit MESG-RMU-GO up to 36kV-630A-25kA
- ❖ INDOOR SF6 Insulated Metal-Enclosed Ring Main Unit MESG-RMU-GI up to 36kV-630A-25kA
- ❖ INDOOR Air Insulated Metal-Enclosed Ring Main Unit MESG-RMU-AI up to 24kV-630A-25kA
- ❖ INDOOR SF6 Insulated Compact Metal-Clad Ring Main Unit MESG-RMU-GIC up to 24kV-630A-25kA
- ❖ OUTDOOR SF6 Insulated Compact Metal-Clad Ring Main Unit MESG-RMU-GOC up to 24kV-630A-25kA



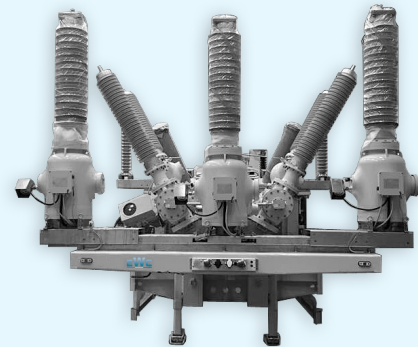
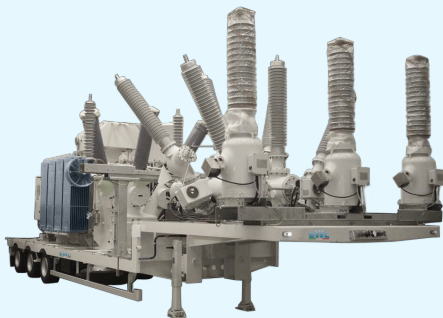
Generators up to 3150 kVA



EWC GROUP is a dynamic company that stands out for efficiency and competence in the generators market. Product quality, flawless performance, investments in research and development and well-established know-how are only some of the strong points that enabled EWC GROUP to establish itself at national and international level. The first target is the customer's total satisfaction and so EWC GROUP technical and sales staff works hard every day to achieve such a purpose, paying the utmost attention both to the professional competence and to the establishment of solid interpersonal connections with customers.



HV/MV – MV/MV Mobile Substations



EWC GROUP designs and constructs HV/MV and MV/MV Mobile Substations up to 145 kV (HV) and up to 36 kV (MV), We use only Western Europe components in order to focus only on high-quality products and materials. Our executions are very smart, flexible, reliable and efficient.

MV/LV Package Substations (Kiosks) UP TO 36 KV



EWC GROUP srl produces MV/LV package substations (kiosks) both standard and customized solutionable to fit very harsh environmental conditions and with a very flexible execution.

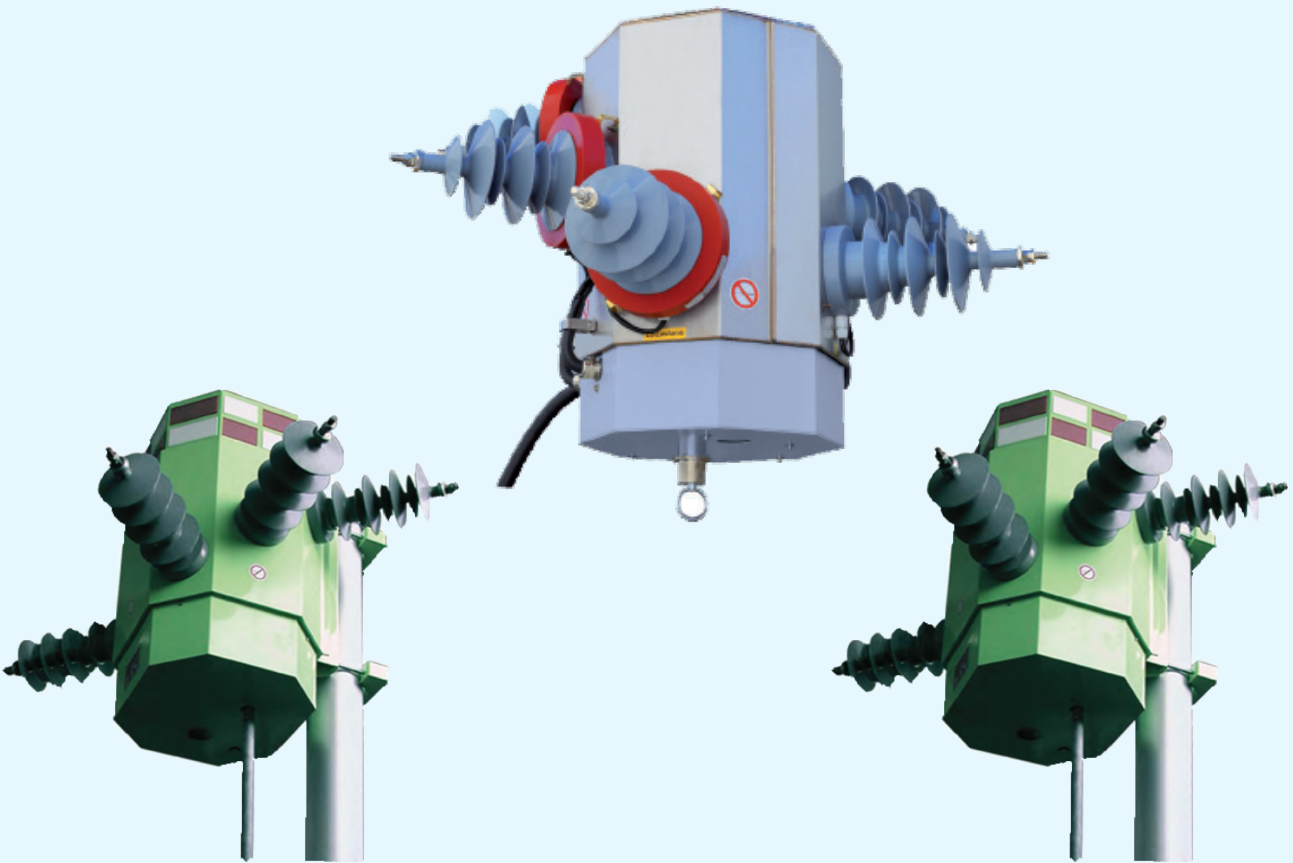
Power and Distribution Transformers



EWC GROUP srl designs and produces below transformers:

- ❖ HV/MV or MV/MV oil immersed power transformers up to 63 MVA – 170 kV.
- ❖ MV/LV dry type cast-resin distribution transformers up to 5 MVA – 36 kV.
- ❖ MV/LV oil immersed distribution transformers up to 3 MVA – 36 kV.
- ❖ Special transformers: Auto-transformers, voltage regulators for MV or HV network with on-load tap-changers, rated power up to 1000 MVA, insulation class up to 170kV, Special transformers for hexa-phase or dodeca-phase conversion plants. Three-phase or single-phase reactors for traction plants, conversion plants, MV or HV network for the limitation of short circuit currents.

Pole Mounted Switch-Disconnecter



EWC GROUP designs and produces sf6 insulated pole mounted switch-disconnector for demanding environments (sdp & sdp-t up to 36kv)

Renewable Energy Division



EWC GROUP was founded with idea of spreading the culture of Green Energy and contribute to reducing CO₂ emissions. We are facing to a global energy challenge: the demand for energy grows and threatens our climate. That's why the world is revising its energy future. The plants that can be powered by renewable sources are many. Here we bring some examples: Houses, shopping centers, sports centers, street lights, hotels, industries, agriculture, pumping stations, water treatment plants, installations for amplification signal telephony, installations for antennas radio and television, etc ... All they can be fed with the electrical grid and/or with energy storage systems composed of:

- ❖ Hydropower plants
- ❖ Photovoltaic plants
- ❖ Wind energy plants
- ❖ Batteries storage lead-gel
- ❖ Electrical Management

CERTIFICATIONS



EWC GROUP srl is a ISO 9001 certified company.

The standards ISO 9000 provides guidance on how a company must operate in order to provide a product or service quality, that meets the requirements of the customer.

The ISO 9001 certification is voluntary, and it is a way to qualify the company recognized to Worldwide.

With this certification, it is recognized that the company adopts a system of rules, responsibilities, controls, etc., conforms to the family of ISO 9000 standards.

The attention to the needs of customers and the desire to continuously improve the service offered, has allowed to the company to obtain the certification of its system of quality management in accordance with ISO 9001:2015.