



ABB in Egypt

Company Profile



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ABB (ABBN: SIX Swiss Ex) is a leading global technology company that energizes the transformation of society and industry to achieve a more productive, sustainable future. By connecting software to its electrification, robotics, automation and motion portfolio, ABB pushes the boundaries of technology to drive performance to new levels. With a history of excellence stretching back more than 130 years, ABB's success is driven by about 105,000 talented employees in over 100 countries. www.abb.com

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History of the ABB Group

The ABB Group was formed in 1988 through a merger between Asea AB and BBC Brown Boveri AG.

The ABB Group was formed in 1988 through a merger between Asea AB and BBC Brown Boveri AG. Initially founded in 1883, Asea AB was a major participant in the introduction of electricity into Swedish homes and businesses and in the development of Sweden's railway network. In the 1940s and 1950s, Asea AB expanded into the power, mining and steel industries. Brown Boveri and Cie. (later renamed BBC Brown Boveri AG) was formed in Switzerland in 1891 and initially specialized in power generation and turbines. In the early to mid-1900s, it expanded its operations throughout Europe and broadened its business operations to include a wide range of electrical engineering activities.

In January 1988, Asea AB and BBC Brown Boveri AG each contributed almost all their businesses to the newly formed ABB Asea Brown Boveri Ltd, of which they each 50 percent.

In 1996, Asea AB was renamed ABB AB and BBC Brown Boveri AG was renamed ABB AG. In February 1999, the ABB Group announced a group reconfiguration designed to establish a single parent holding company and a single class of shares. ABB Ltd was incorporated on March 5, 1999, under the laws of Switzerland. In June 1999, ABB Ltd became the holding company for the entire ABB Group. This was accomplished by having ABB Ltd issue shares to the shareholders of ABB AG and ABB AB, the two companies that formerly owned the ABB Group. The ABB Ltd shares were exchanged for the shares of those two companies, which, as a result of the share exchange and certain related transactions, became wholly owned subsidiaries of ABB Ltd.



ABB Egypt

The BBC has been present in Egypt since 1926 and has been operating through a representative office in Cairo. ABB for Electrical Industries LLC Start of production: July 1978-45 years in the Egyptian market.

Capital: 192.1 million dollars

Investment volume in last 10 years around \$250 million

Turnover: \$270 million

Number of employees: around 1100 employees.

- ABB Premises and Factories on an area of around 110,000 square meters (13 production lines)
- ABB Egypt Headquarter in the New Cairo,
- Main Factory in 10th of Ramadan City,
- Factory in the Free Zone in Nasr City,
- Factory in the Free Zone in Suez ,
- Administrative office in Alexandria,
- In addition to 4 other business premises.



ABB Certificates



The Company is certified by DNV-GL in conformance with the requirements of the international standards:

ISO 45001:2018 Occupational Health & Safety Management system

ISO 9001:2015 Quality Management System

ISO 14001:2015 Environmental Management System

Electrification

Lead Business in Egypt



Electrifying the world in a safe, smart and sustainable way, ABB Electrification is a global technology leader in electrical distribution and management from source to socket.

As the world's demand for electricity grows, our +50,000 employees across 100 countries collaborate with customers and partners to transform how people connect, live and work. We develop innovative products, solutions and digital technologies that enable energy efficiency and a low carbon society across all sectors.

By applying global scale with local expertise, we shape and support global trends, deliver excellence for customers and power a sustainable future for society.

Distribution Solutions

- Air Insulated Switchgear MV + LV (excluding ANSI)
- ANSI Air Insulated MV + LV Switchgear
- Gas Insulated Switchgear
- Control and Protection Products
- Packaging & Solutions

Smart Buildings

- Smart Home
- Building Control
- Door Entry Systems
- Access Control & Security
- Emergency lighting & Battery Systems
- Wiring Accessories
- Industrial Plugs & Sockets
- DIN-Rail products
- Distribution Enclosures

Smart Power

- Smart Home
- Building Control
- Door Entry Systems
- Access Control & Security
- Emergency lighting & Battery Systems
- Wiring Accessories
- Industrial Plugs & Sockets
- DIN-Rail products
- Distribution Enclosures

Service

- Installation and commissioning
- Training
- Spares and consumables.
- Maintenance
- Repairs
- Engineering and consulting
- Lifetime extensions
- End of life service
- Replacement
- Advanced services (Smart Assets Management)

Motion

Motors and Drives

Motion

Writing the future of smart motion

ABB Motion keeps the world turning, while saving energy every day. Our pioneering drives, motors, generators products and integrated digital powertrain solutions are driving the low-carbon future for industries, cities, infrastructure and transportation. Through our global presence, we are always close to our customers. We help them optimize energy efficiency, improve safety and reliability and achieve precise control.

Our Portfolio - Drives

- Alternative Current (AC) Drives for Low and Medium Voltage - Micro drives
- General purpose drives
- Machinery drives
- Industrial drives
- Industry specific drives - Motion control drives
- Special purpose drives
- Direct Current (DC) Drives
- Thyristor Power Controllers
- Programmable Logic Controllers Soft starters
- Traction Converters
- Drive Spare Parts and Service



Our Portfolio - Motors and Generators

- International Electrotechnical Commission (IEC) Low Voltage Motors
- Large Motors and Generators
- National Electrical Manufacturers Association (NEMA) Motors
- Motor Spare Parts and Services

Mechanical Power Transmission

- Conveyor components
- Couplings
- Gearing
- Mounted bearings

Process Automation

Process Automation

Writing the future of safe and smart operations

The main focus of the business is to provide customers with products and solutions for instrumentation, automation and optimization of industrial processes. The industries served include oil and gas, power, chemicals and pharmaceuticals, pulp and paper, metals and minerals, mining, Data center, Battery manufacturing , Aluminum, Cement and F&B, marine and turbocharging.

Key customer benefits include improved asset productivity and energy savings.



Process Automation consists of 3 divisions:

- Energy
- Process Industries
- Measurements & Analytics

Our portfolio:

- Process Control System
- Process Safety System
- Control room solutions
- Remote monitoring and Operations room
- Electrical houses (e-Houses)
- Excitation System
- Flame scanner System
- Turbine control System
- Pumping solutions
- Power management system
- Electrical control system
- Energy management system
- Terminal Management system
- Condition monitoring system
- Manufacturing Execution System
- Advance Process Control
- Process Performance Optimization
- Data Center Automation
- Process simulation
- Electrification and plant engineering
- Paper machine measurements
- Paper machine actuators
- Laboratory Paper Testing
- Web Imaging and Web Monitoring
- Field instruments
- Force Measurements
- Analytical Measurement
- Recorders and Controllers
- Services and After Sales

Robotics

Writing the future of flexible manufacturing and smart machines



Robotics & Discrete Automation

provides value-added solutions in robotics, machine and factory automation. Our integrated automation solutions, our application expertise across a wide scope of industries and our global presence deliver tangible customer value. Our focus on innovation includes extensive work in artificial intelligence, an ecosystem of digital partnerships and the expansion of our production and research capabilities through our \$150-million investment in a new worldclass robotics factory in Shanghai.

Our portfolio:

- Robotics product and peripheral equipment
- Machine and Factory Automation
- Robotics Applications and Systems
- Robot Application Center for South East Asia (SEA region)
- Complete robotics services



ABB Core Values



Courage

Take action and manage consequences
Speak up and ask for help
Take calculated risks to create success



Care

Take care of our customers, our people and the environment
Respect and value differences
Do what is right and act with integrity



Curiosity

Believe there is always a better way
Lead with technologies and innovations
Learn from failures and successes



Collaboration

Believe smart people collaborate
Build on each other's strengths and success
Partner with our customers

We believe our people are the most critical ingredient to our long-term success. A culture of diversity, inclusion and equal opportunity is vital to our business success and makes us stronger. Relying on our people's future-oriented mindset, experience and domain expertise,

we push the boundaries of technology to drive performance, shape new business models and find new ways of working that make our customers, partners and society better off.

Sustainability in ABB

Bringing value to the community



With our 2030 sustainability strategy, we are actively enabling a low-carbon society as well as working with our customers and suppliers to implement sustainable practices across our value chain and the lifecycle of our products and solutions. We are equally committed to driving social progress, along with our suppliers and in our communities.

Our sustainability focus is part of ABB's commitment to responsible business practices, which are at the center of our comprehensive governance framework, based on integrity and transparency. Our framework is underpinned by our five integrity principles in **our Code of Conduct**, which guides our employees and suppliers to do the right thing and contains a commitment against retaliation.

A key part of our 2030 sustainability strategy is to support our customers and suppliers to reduce their emissions and achieve carbon neutrality in our own operations. Our greenhouse gas emissions reduction targets have been validated by the Science Based Targets initiative as being in line with the °1.5C scenario of the Paris Agreement.

To ensure that we are focused on achieving our goals, our sustainability targets are integrated into our decisionmaking processes, and we have accountabilities and incentive plans in place to drive action.

“At ABB, we embed sustainability in everything we do to create long-term value.”
- ABB CEO, Björn Rosengren

Corporate Social Responsibility

Sustainability is integral to all aspects of our business. We strive to balance economic, educational, environmental and social objectives and integrate them into our daily business decisions.

Education sector:

1- Sewedy Technical Academy (STA), 10th of f Ramadan City - Sharkia, Egypt.

- Enhancing the technical and vocational education training in Egypt.
- To achieving excellence in technical education according to international standards, A class of 18 student was supported by this project in the field of electrical technicians.



2- Technical Schools lab Project, in 5 different governorates: , Cairo, Giza, Sharkia, Alexandria and Qalyubia.



3- Providing solar power plant on the roof of a key building at the faculty of Engineering, Cairo University, Giza, Egypt in 2016.



Corporate Social Responsibility

Health sector:

Renovating government schools and school clinics, as well as replacing and renewing the infrastructure of a number of government hospitals such as Abu El-Rish Hospital, El-Demerdash Hospital, and Fuwa Central Hospital in Kafr El-Sheikh, by improving their technical capabilities and energy efficiency performance to accommodate the increasing increase in electrical loads in these hospitals, which serve millions of patients for free annually.



Corporate Social Responsibility

Other Community Initiatives

Another laboratory specialized in testing motors and their conformity with international standards was opened within the memorandum of understanding signed by ABB with the Egyptian Ministry of Trade and Industry in 2018 to develop the Egyptian electricity sector by providing curricula and technical support.



School Energy Saving Campaign, Cairo, Helwan and Alexandria, to create awareness in the field of energy saving and Energy saving education for students from KG level to 6th grade on how to save energy among elementary school children.



Corporate Social Responsibility

Other Community Initiatives

- Donated two ambulance cars for the 10th of Ramadan City
- In cooperation with the Water Authority of Beni Sueif - Upper Egypt, 130 families received drinkable water in their Homes in Khorshid Village
- In coordination with Takatof; Full renovation & refurbishing of 2 public schools Afwa Ata School in BeniSueif and ElKamal School in Gamalia.
- In coordination with Takatof; Full renovation & refurbishing of ElMarwa Manshei at Nasser & Om ElMoemenin school clinics in Cairo, serving 31 schools & 42,000 students
- Supported Cairo University, Faculty of Engineering with 31 KW On Grid Solar installation covering the roof top of one of its buildings
- In cooperation with Al Ain AlGarya Charity organization, Provided 2 Renal Dialysis machines to AlAin Hospital
- Donated and installed medium-voltage (MV) switchgear and a Ring main unit (RMU) for the electrical distribution network at Al-Demerdash Surgery Hospital, Faculty of Medicine-Ain Shams University serving 2,000,000 patients annually.

Contact US

**ABB For Electrical Industries
(ABB ARAB) S.A.E**

Admin Building:

Bldg 208, North 90 St., New
Cairo, 5th Settlement – Egypt

Factories:

10th of Ramadan City –
Industrial Zone B1

Motors Workshop:

El Obour City – Industrial Zone 1
Area 16 Block 13024

Free Zone Factory:

Public Free Zone – Nasr City –
Cairo – Block G #18

Alexandria Office:

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