



BRAND POWER ENGINEERING

Brand Power Engineering Ltd.

Company Profile

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Content



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COMPANY OVERVIEW.....	01
MESSAGE OF DIRECTOR.....	02
WHY CHOOSE US.....	05
BPE MISSION & VISION.....	06
SOME OF OUR CLIENTS.....	07
GENERATOR.....	08
LIFT.....	13
SUB-STATION.....	22
SOLAR SYSTEM.....	25
AIR COMPRESSOR.....	27
ONLINE UPS & AVR.....	28
AC.....	29

Company Overview

Brand Power Engineering was established with the aim of providing the most reliable, efficient and professional electrical solutions in Bangladesh.

Our main aspiration is to meet and exceed customers' needs and requirements. In all aspects of our work we aim to provide our customers with excellent products and services, true information and overall care. We also offer customized solutions and design special products according to your requests and technical requirements. If you have a comment or a suggestion on our products, services or customer assistance, you are more than welcome to submit your feedback. We consider your comments as the best source of knowledge and we will do our best to improve every aspect of our work.

Guarantee Service:

There is no best only better, the innovation is the most important concept for us, we do believe that the consideration is equal to innovative technology, the leading product is always based on the leading supporting services. We do our best to meet customer's demands and offer customers the technical consulting, installation guide, and users training etc.

All Products has manufacturer's warranty, and in case of malfunctions our service experts support 7X24 hours service online " BPE " Service warranty qualitative technical support to customers and renders various services over equipment lifecycle.

Message of Director



Bsmillah hir rahman nir rahim,

As we approach this historic moment, our goals are both to become a group company that responds to the demands of our era and to achieve a higher level of growth through continuous innovation.

While per-empting global changes and moving forward in our Pursuit of sustainable growth, we as a company will always pay particular attention to corporate social responsibility, corporate ethics, and compliance. We will stay firmly dedicated to earning the trust of and ensuring the satisfaction of our society, our customers, our stockholders, and our employees.

The corporate statement of the Brand Power Engineering is "Changes for the Better." This represents our volition to bring about change, always aiming for something better Expect great things from the Brand Power Engineering in the future, as you always have.

Engr. Tariqul Alam
Managing Director
Brand Power Engineering Ltd.

Message of Director



We take this opportunity to thank our acclaimed customers, whose continued patronage and confidence in our products inspires us to extend the best of services and enables us to provide value for their money. We are committed to total customer satisfaction by identifying their specific needs, translating them into quality products and providing dependable after-sales-services. We plan to achieve this goal through our strength, the employees and seek their continuous involvement in achieving the company's objectives.

On behalf of the management team, I would like to maintain effective quality management strategies with corporate social responsibility policy, innovation development plans as well as prioritize teamwork and workforce collaboration to further achievement of our organization as nations leading energy company. I would like to thank the management team, my colleagues which have worked together to support BPE. No matter how long the time has passed, all your smiles and commitment still remain the same. I do hope that the great fortitude, sacrifice and innovative thinking of every BPE staffs will ensure the prosperity and success of BPE.

Naznin Akter Niva
Director

Message of Director



We are all challenged in the business world. We all want to be part of a team that leaves a legacy and is remembered for years on what we have accomplished. At Brand Power Engineering, I am proud to be part of an excellent team that strives on reaching this success and greatness. Our objects are moving forward with the support of our venerated partners, customers, suppliers and as we moved on this way, we are alert that the most efficient way to success is a melodious panel work. We, the power family who have got the motivation of victory from the confidence we create, have strengthened our position in the market and increased our efficiency and profitability with our product quality in compliance with the internationally accepted world standards and the deliveries we have completed on time.

We have taken important steps forward growing the value of our company, our products by proving that all our activities are sustainable in the future with the management quality we have established . With the new era of work environment, our wishes to remain disciplined, compliant and result oriented. Our core values have not only shaped our destiny, but also have reposed our customers trust on us. we are creating relationships with the customers that are everlasting.

Shakib Lohani
Marketing Director

WHY CHOOSE US

Our commitment:

- * All products are certified.
- * All products have passed rigorous factory test to ensure high quality before ship.
- * Product warranty terms are strictly enforced.
- * High-efficiency assembly and production lines ensure on-time delivery.
- * Professional, timely, thoughtful and dedicated services are offered.
- * Favorable and complete original accessories are supplied.
- * Regular technical training are provided all year round.
- * 24/7/365 Customer Service Center provides fast and effective responses to Customers' service demands.

We are all challenged in the business world. We all want to be part of a team that leaves a legacy and is remembered for years on what we have accomplished. At Brand Power Engineering, I am proud to be part of an excellent team that strives on reaching this success and greatness. Our objects are moving forward with the support of our venerated partners, customers, suppliers and as we moved on this way, we are alert that the most efficient way to success is a melodious panel work. We, the power family who have got the motivation of victory from the confidence we create, have strengthened our position in the market and increased our efficiency and profitability with our product quality in compliance with the internationally accepted world standards and the deliveries we have completed on time.

BPE Mission & Vision

Mission ▶

To become the most reliable and professional company in all of our operations and provide customers with the best solutions.

Vision ▶

Guiding our experience in the best possible way to achieve growth sustainability and success and making a difference to all customers.

Some of Our Clients



GENERATOR



Perkins Generator Set:

Perkins is one of the world's leading engine maker and has a long history of success in global market. As a world-famous engine brand, Perkins not only has its global network product support, but also has 132 distributors, 3500 service workshops in 182 countries & areas worldwide. With integrated parts & service capability as well as reliable, sustainable customer service solutions, it is loved by customers.

In 1985, Perkins celebrated engines production of 10,000,000 units. And in 1998, Caterpillar Inc purchased Perkins Engine Company Limited with \$1.3 billion, creating the world's largest diesel engine manufacturer.

So far, it has provided the global with 15 million gensets ranging from 4 KW to 1940 KW; it currently has three production bases, with an annual production of 400,000 sets; the company has established two parts release center in Manchester, England and Singapore and set up more than 3500 service outlets worldwide, which provide worldwide customers with uninterrupted service throughout the year.

GENERATOR



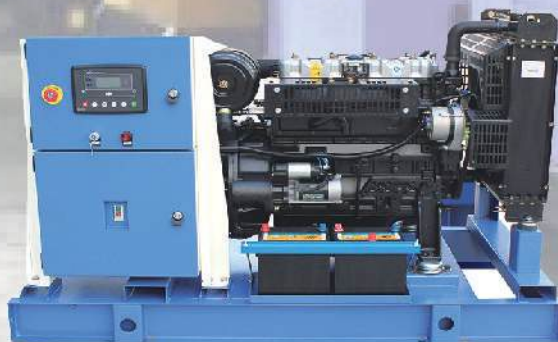
Cummins Generator Sets:

We live in an unreliable world with unreliable electric power grids that can break down anytime, causing inconveniences for almost everybody. Despite the advancements in technology, there are still power outages which can be either unexpected or expected. That depends on the situation. Extreme weather changes are major contributors to power outages. If you are living in Dallas which is prone to thunderstorms and hailstorms, you might as well have a backup home generator, so that you are provided with an uninterrupted supply of power in emergency circumstances. But not just any generator, a Cummins home generator. But why Cummins? Cummins home generators are durable, sturdy, rugged, and dependable; they give the best electrical and mechanical performance. Cummins has always been synonymous with power, strength, quality, and durability. Founded in the year 1910, Cummins manufactured its first diesel generator in 1919. During the Second World War, they provided allied forces with heavy duty engines and also supplied power to the Statue of Liberty and Mount Rushmore.

The great thing about Cummins generators is the fact that provide you with a performance that is unrivalled by any other generator. For example, in terms of electrical performance, Cummins generators can swiftly transfer an electric load within 10 seconds during a power outage. Furthermore, the alternator is brushless for stronger performance.

Cummins home generators have a sleek and compact design; this allows them to be lightweight as compared to its competitors. The design is reliable, versatile, and efficient.

GENERATOR



Ricardo Diesel Generator sets :

Ricardo diesel generator sets adopts R series diesel engines, which are a new generation of power jointly developed by our company and the UK Ricardo companies, divided into four or six cylinders, belonging to in-line, water-cooled, four stroke, eddy current type (DI) high speed diesel engine. The cylinder diameter is 100/105/108/135 mm, with the power coverage of 26.5-400 kw and the rotating speed of 1500-2800 R/min. It has the characteristics of low fuel consumption, large torque, easy start-up, low emissions, small volume, large power, high reliability, convenient operation and maintenance. It is the ideal power for automotive, engineering machinery, generator sets, ships, tractors, fixed power vehicles.

Our company learn from others fortes and constantly digest and absorb foreign advanced technology. on the basis of introducing the British Ricardo R series diesel engines, we successively introduce Italy's fiat casting process, Germany Haoettinger cold core shooter, Germany latz three-coordinate measuring instrument and other advanced technology and equipment, which enables the reliability and life of R series diesel engine to reach the international advanced level among similar products.

Starlight series Ricardo generators are officially authorized products of the Ricardo company. With better performance, better quality and more guaranteed services compared with similar products, they are products recommended by the Ricardo Generator set Department.

Spare Parts

Engine Spare Parts

Brand Power Engineering is a professional supplier of Generator and Engine Spare Parts and accessories. We provide full range of spare parts and accessories for Generating set which include Leroy somer Alternator parts, Stamford Alternator parts, Marthon Alternator parts, Siemens Alternator parts, Cummins Genset Parts, FG wilsonGenset parts, Caterpillar Genset parts, Perkins Genset parts, AVR, GAC and Cummins speed Governor and Actuator, Deepsea Generator controller panel, Comap Generator Controller panel, ATS (Automatic Transfer Switch), Oil pressure sensors, meters, Diode bridge, Battery chargers, Shut down Solenoid, Flame, out Solenoid, Turbocharger, Soundproof Material, Water Jacket Heater, Canopy Locks and Hinges, Rain Cap, Lifting Hook, Anti-Vibration Mountings and more. In one word, we provide one-stop service for your generator and engine spare parts demand.

Coolant itself is superior to water in terms of operating conditions. In freezing weather conditions, the coolant won't freeze and can circulate effectively through the system to cool the engine and prevent damage. In hot weather and when the equipment is being operated at peak load for long periods, the coolant will resist boiling and continue to circulate as a liquid, effectively cooling the engine.

Coolant matched to the application is critical to prevent corrosion - poor or out of specification coolant or coolant without the SCA added will corrode components - often very fast and lead to radiator leaks and failures of the cooling system. Often the protection devices like the coolant level switches



Some Project of Us



Elevator

Our Partners



Brand Power Engineering is one of the leading importers of elevators and escalators in Bangladesh. The company offers a range of services including installation, testing, modernization, commissioning, service and maintenances of elevators and escalators.

We are conveniently located in different parts of the country to cater to your needs. All our elevator technicians have years of experience and are experts in repairing and upgrading all kinds of elevators. We are currently representing SEYKA brand from Turkey besides FUJI, SIGMA, WEBSTAR, MODEUN, OTIS, MOVILIFT etc.

Brand power Engineering., took strong pride in meeting the needs and demands of its valued clients / customers in Bangladesh Market. Two strong values of SCHNEIDER Elevator are ensuring safety and convenience for our customers. We take the responsibility very seriously to ensure absolute safety for all those riding our equipment.

We are committed in providing the best service to our customers through our 24 hours service centre and well-equipped technical team. We have always been appreciated by our clients for our after sales service and hope to increase customer value in the following years.

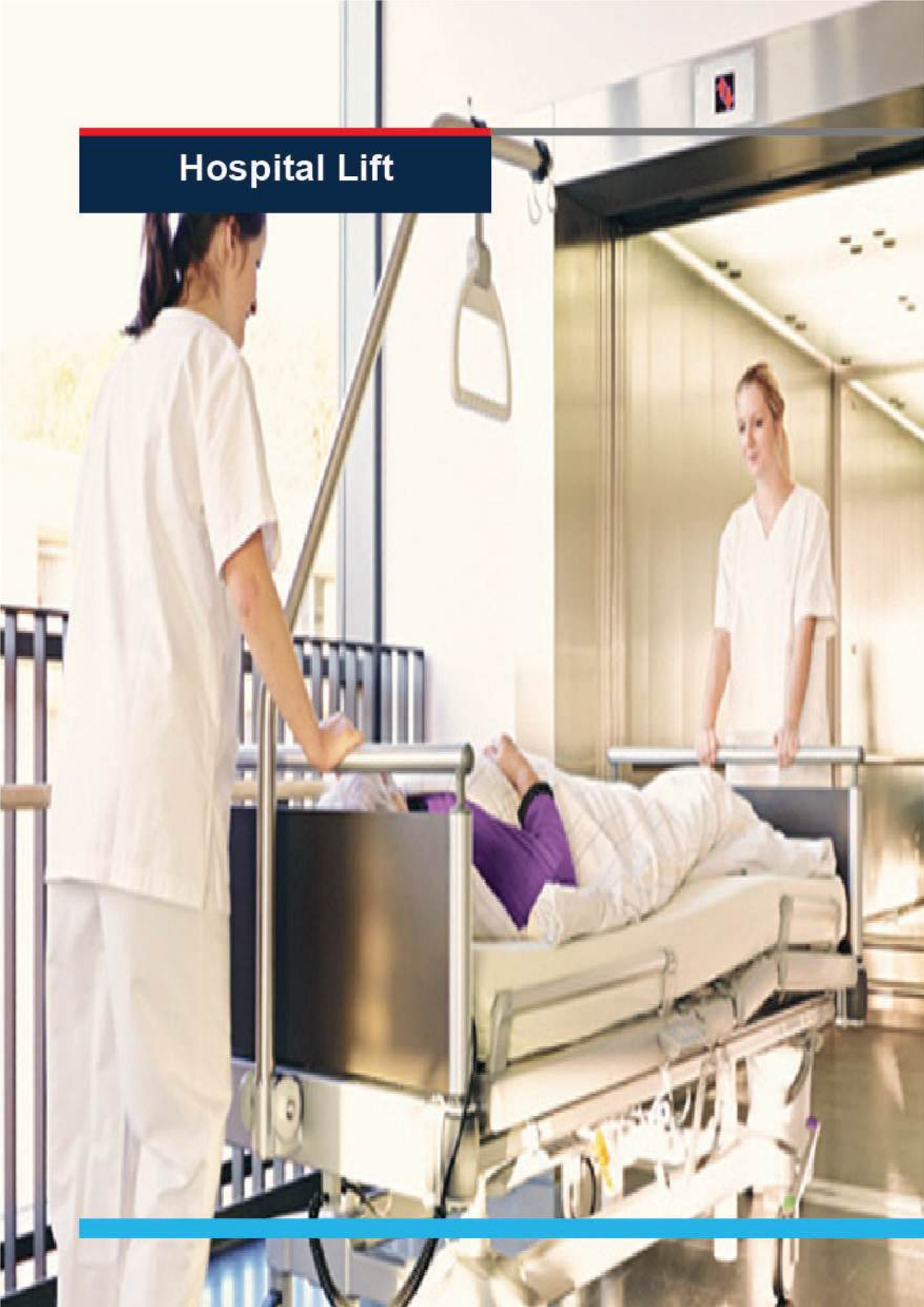
Passenger Lift



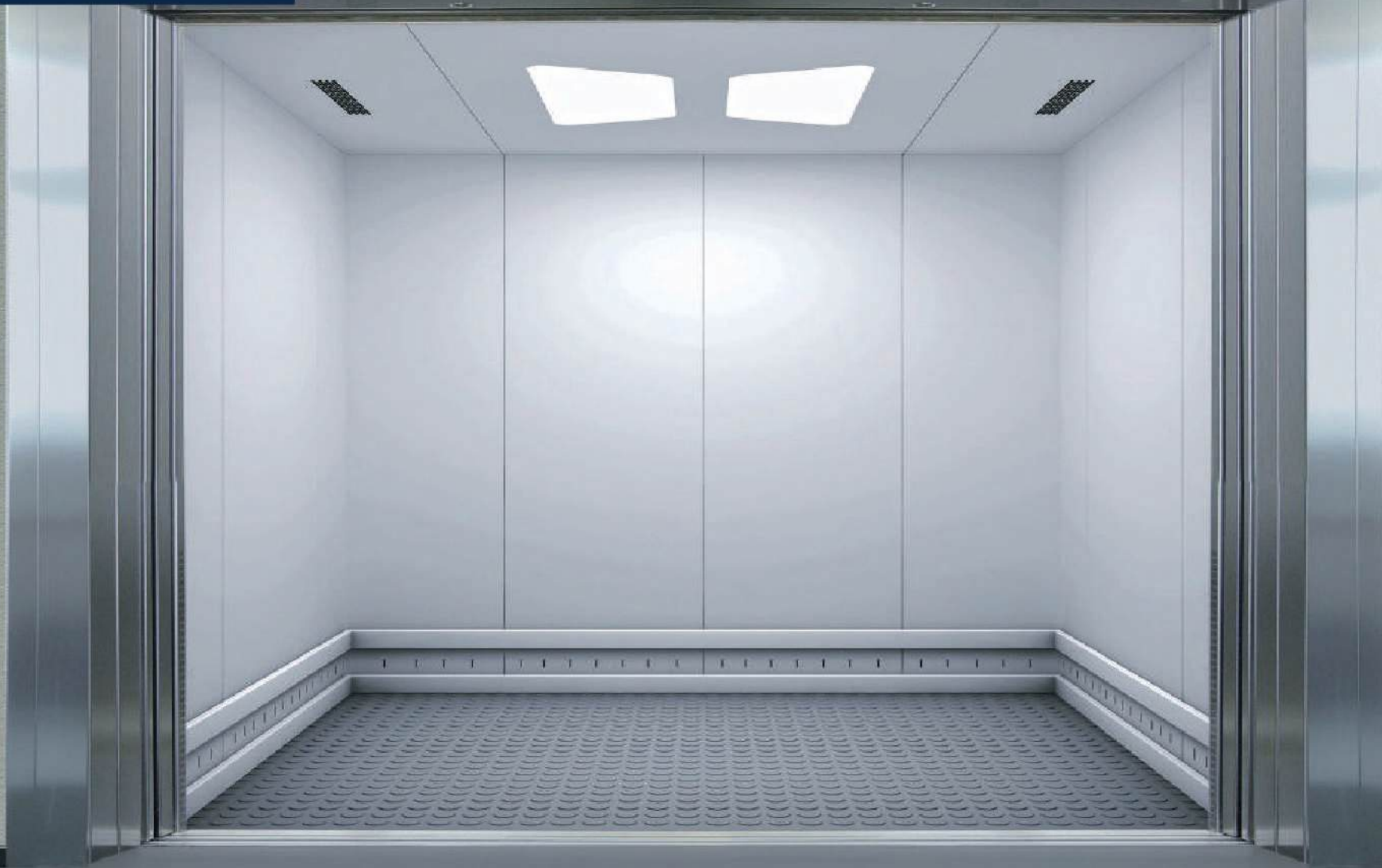
Home Lift



Hospital Lift



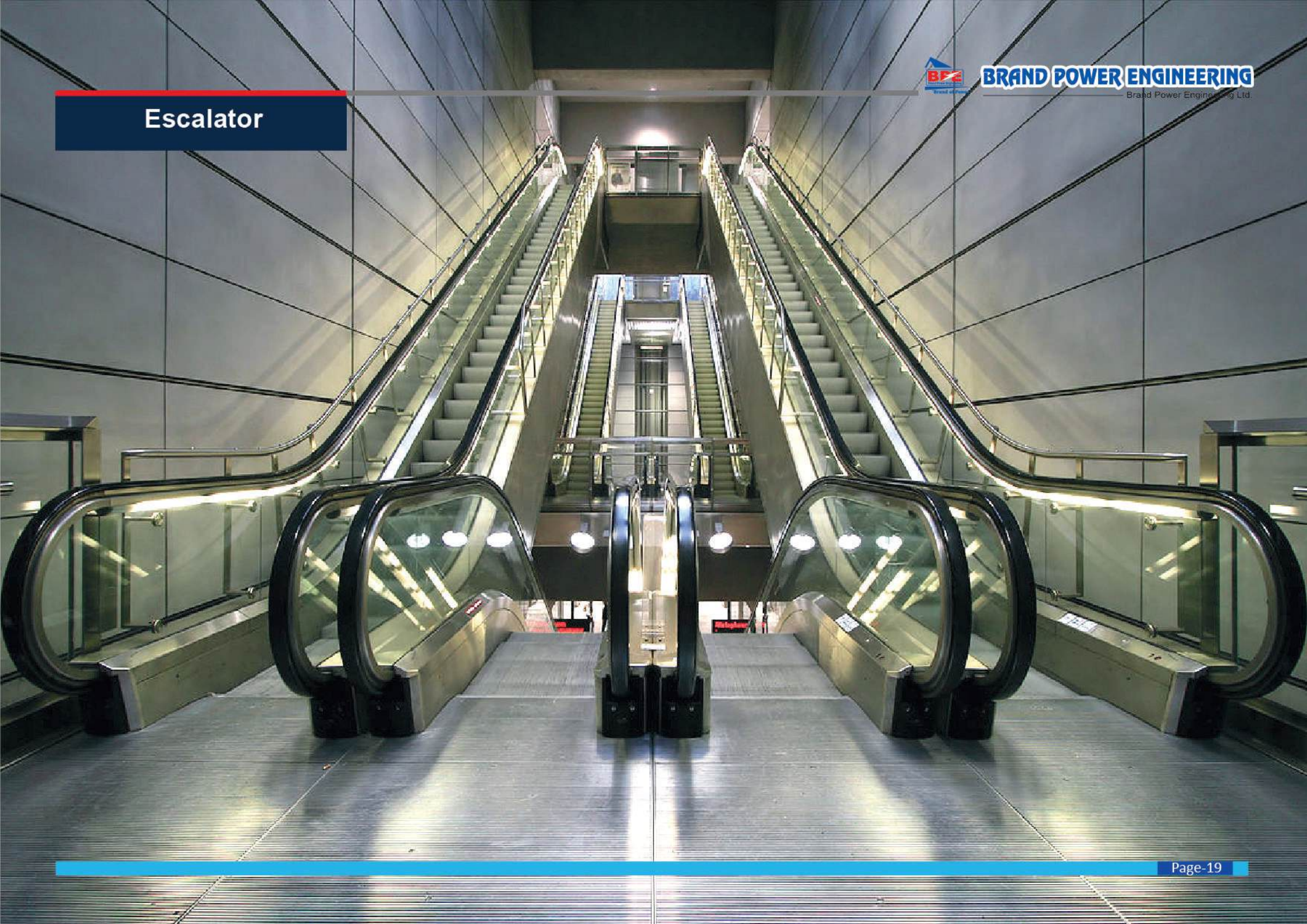
Cargo Lift



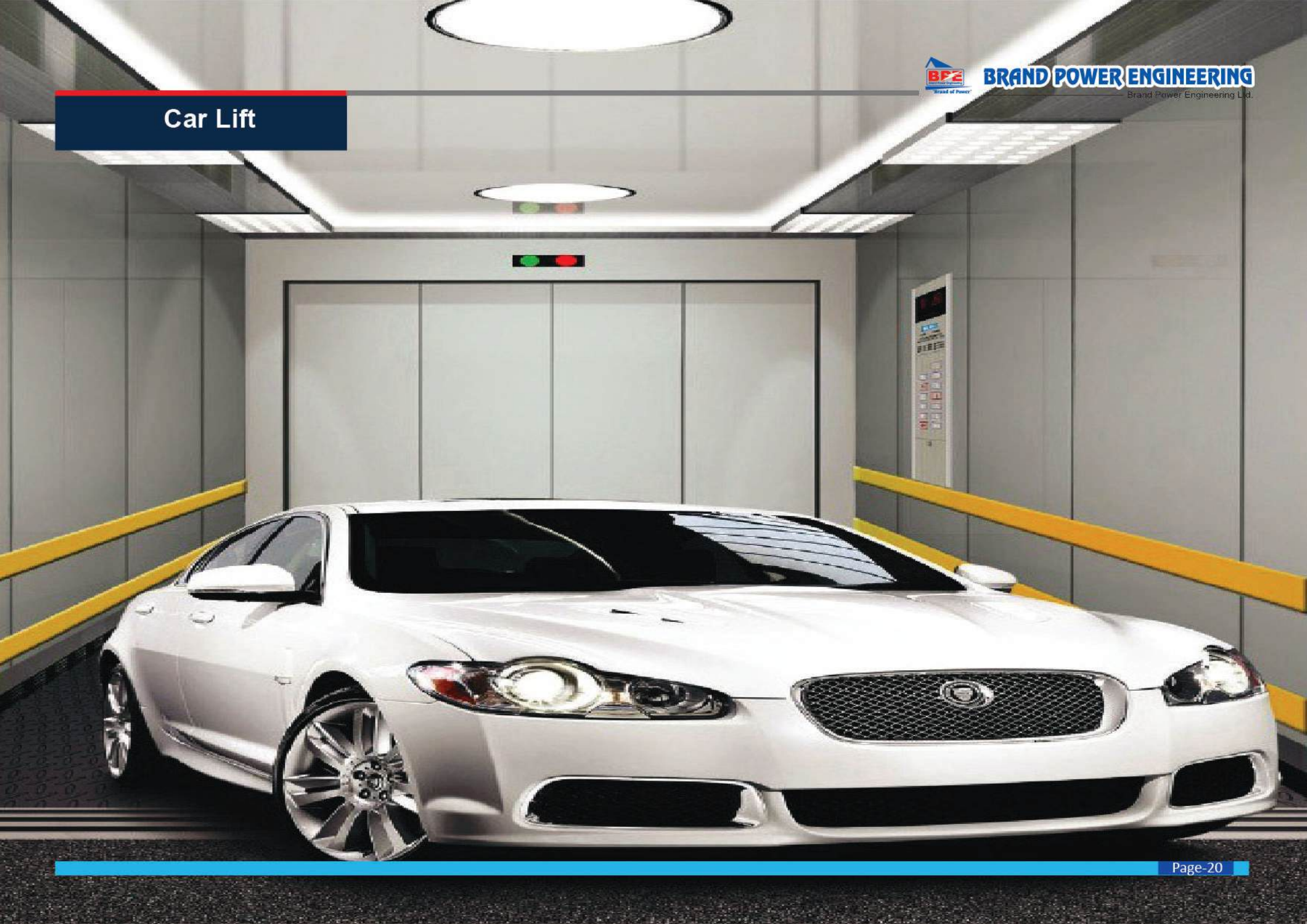
Capsule Lift



Escalator



Car Lift



Some Project of Us



Sub-Station

A transformer is a passive electrical device that transfers electrical energy from one electrical circuit to another, or multiple circuits. A varying current in any one coil of the transformer produces a varying magnetic flux in the transformer's core, which induces a varying electromotive force across any other coils wound around the same core. Electrical energy can be transferred between separate coils without a metallic (conductive) connection between the two circuits. Faraday's law of induction, discovered in 1831, describes the induced voltage effect in any coil due to a changing magnetic flux encircled by the coil.

Transformers are most commonly used for increasing low AC voltages at high current (a step-up transformer) or decreasing high AC voltages at low current (a step-down transformer) in electric power applications, and for coupling the stages of signal-processing circuits. Transformers can also be used for isolation, where the voltage in equals the voltage out, with separate coils not electrically bonded to one another.

Since the invention of the first constant-potential transformer in 1885, transformers have become essential for the transmission, distribution, and utilization of alternating current electric power.[2] A wide range of transformer designs is encountered in electronic and electric power applications. Transformers range in size from RF transformers less than a cubic centimeter in volume, to units weighing hundreds of tons used to interconnect the power grid.

Our Products

Distribution & Power Transformer

HT & LT Switchgear

PFI Plant

Digital Meter & Metering Panel

Solar System & Products

MDB & Distribution Board

Switch Socket & Circuit Breaker

Turnkey Base Project Work

BBT (Busbar Trunking) System

Hi (High Tension) Switchgear



High Tension (HT) Switchgear comprise the units designed for rated voltage of 12 kv, 33kv current range 400A to 3200A. Switchgear insulation designed to withstand rated voltage is also subjected to over voltage due to lightning and breaker operation transients. Depending on the conditions switchgear installation are designed and manufactured for outdoor and indoor service. Suitable for mass production, transportation handling and convenient operation, the weight of the equipment is kept as low as practicable.

The LBS, VCB, SF6 circuit breaker and the switchboards are of optimized design for Bangladeshi supply condition and ambient. This design ensures easy of operation, low cost maintenance and higher longevity.

The cubical design of 12kv, 33kv, and 1250A is also compatible with our SF6 and minimum Oil Circuit Breakers (MOCB). The panels are fully Compartmentalized and extensible on both side, consisting of busbar chamber with adequate air clearances, PT compartment, CT and cable termination compartment, breaker compartment and metering chamber.



LBS



VCB

LT Switchgear & PFI Plants



Brand Power Engineering manufacturing fixed-mounted LT switchgears. Our LT switchgears are sheet steel clad with modular systems for assemble of cubicles intended to take heavy equipments, dust and vermin proof, free standing or against wall installation, single or double fronted arrangement and all-round steel enclosure, floor mounting indoor type, with TPN&E copper busbar. We prefer to use ABB, SIEMENS, Moller, Hyundai, Schneider Branded circuit breaker in our panels. But if it is prescribed other brand by the Customer and it does not over rule the standards, we manufacture as per customer's requirements.

BRAND POWER ENGINEERING POWER FACTOR IMPROVEMENT (PFI) PLANTS ARE -

- * Modular Design
- * High Reliability,
- * Compact Arrangement
- * Smart Operating
- * Low Losses Capacitors

Power factor correction is the switching of the capacitors in parallel with inductive loads in the network.

Motors, Transformers and other inductive loads require reactive power. Transmitting/distributing the reactive power from the power station to the loads is uneconomical. It imposes an undue burden on generators and transmission/distribution system, causes additional losses, increases voltage drop and the overall power requirement of the plant. Brand Power Engineering Power factor Improvement (PFI) plant is well suited for this purpose.

Solar System

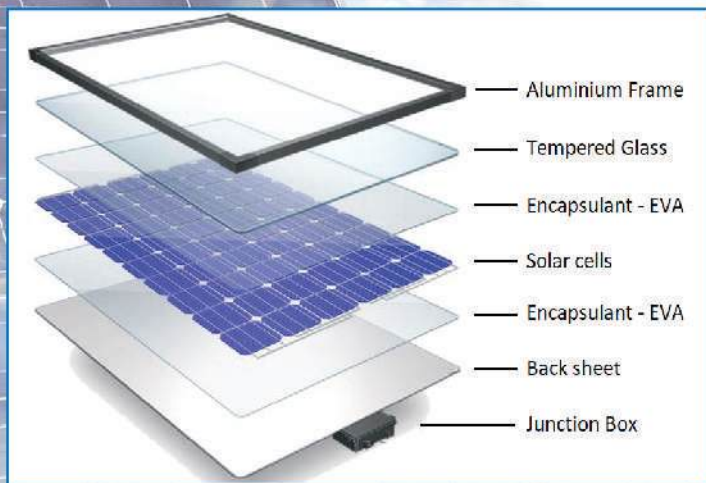


Lighting up millions of homes, bringing health and happiness with access to energy to the very last mile consumer, we at BPE Solar, are leading the change for Bangladesh's progress.

Our solar pumps brings sustainability to crop cultivation and water usage. Our mini and micro grids, power remote areas, while in cities, rooftop and BIPV applications drive the use of clean and efficient energy practices. Our solar PV solutions and energy efficient appliances ensure people across Bangladesh can enjoy the benefits of clean and sustainable energy.

Pervasive use of technology from manufacturing to supply chain, from engineering to sales and last mile customer service, our motto is to escalate and enhance the benefits of renewable energy by Solarising Bangladesh.

Solar energy production does not require fossil fuels and is therefore less dependent on this limited and expensive natural resource. Although there is variability in the amount and timing of sunlight over the day, season and year, a properly sized and configured system can be designed to be highly reliable while providing long-term, fixed price electricity supply. Residential solar energy systems represent an investment in the future of the planet, conserving non-renewable energy sources and protecting the environment.



Some Project of Us



Air Compressor



Here at BPE , we are leading the development and suppliers of air compressors, vacuum pumps, industrial gas generators and many more compressed air products. We can guarantee that our compressed air products bring operational benefits to all industries, while still maintaining a low total cost of ownership.

No matter what your air compressor need is, we are sure to have the right solution suitable for your production. Some of the industries that we cater for include food manufacturing, water treatment, automotive industry and all other industries requiring compressed air, vacuum or nitrogen. We continue to make developments to our technologies to ensure that you are always receiving the best out of your compressed air system.

We also offer a range of industrial gas generators, including on-site nitrogen and oxygen generators. By creating industrial gas on-site, you can achieve many operational benefits and a lower cost compared to bulk deliveries of the same industrial gas.

In order to provide you with local on-site service, no matter your location, we have service technicians located all around the country. They get regular, in-depth factory training and see new and worn compressor installations across every industry in your area. With the help of BPE technician, your installation's problems can be diagnosed promptly and fixed just as quick, ensuring the best possible production uptime.

More than that, our technicians have front row seats to the most innovative technology in the field of compressed air, onsite industrial gas generation and vacuum pumps. That means they can advise on the best way to improve your system and achieve energy savings or operational efficiency considering your specific needs and limitations. No matter the brand, size or type of compressed air system you are running, we are able to provide you with the right service and parts based on your needs.

ONLINE UPS & AVR



Online UPS & Automatic Voltage Regulator (AVR) are electrical protection equipment which provides a stabilized output voltage to the loads. It protects the electrical loads from utility (mains) voltage fluctuations. It is also known as Automatic Voltage Stabilizer (AVS) and Industrial Voltage Stabilizer (IVS). We supply class best voltage stabilizers and Online UPS from internationally reputed manufacturers. We are authorized distributor of Ortea, Sako, Legrand and Mingch branded Voltage Stabilizer

The Company has already achieved the trust of the customers for their instantaneous service, efficiency, innovation and superior quality of their products Online UPS using for Computers, Network services (Server), work station (IT), Wireless telecommunication, Medical diagnostic Lab equipments, Industrial machineries, Printing machineries, CNG station etc In an online UPS, the batteries are always connected to the inverter, so that no power transfer switches are necessary. When power loss occurs, the rectifier simply drops out of the circuit and the batteries keep the power steady and unchanged.

When power is restored, the rectifier resumes carrying most of the load and begins charging the batteries, though the charging current may be limited to prevent the high-power rectifier from overheating the batteries and boiling off the electrolyte. The main advantage of an on-line UPS is its ability to provide an "electrical firewall" between the incoming utility power and sensitive electronic equipment. The online UPS is ideal for environments where electrical isolation is necessary or for equipment that is very sensitive to power fluctuations. Although it was at one time reserved for very large installations.



AC

Air Conditioner & Fridge

**Air conditioning**

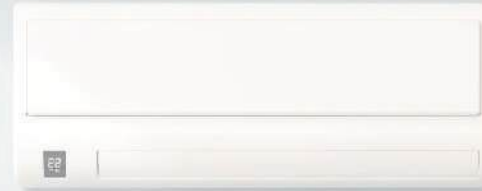
Air conditioning (often referred to as AC, A/C, or air con) is the process of removing heat and moisture from the interior of an occupied space to improve the comfort of occupants. Air conditioning can be used in both domestic and commercial environments. This process is most commonly used to achieve a more comfortable interior environment, typically for humans and other animals; however, air conditioning is also used to cool and dehumidify rooms filled with heat-producing electronic devices, such as computer servers, power amplifiers, and to display and store some delicate products, such as artwork.

Air conditioners often use a fan to distribute the conditioned air to an enclosed space such as a building or a car to improve thermal comfort and indoor air quality. Electric refrigerant-based AC units range from small units that can cool a small bedroom, which can be carried by a single adult, to massive units installed on the roof of office towers that can cool an entire building. The cooling is typically achieved through a refrigeration cycle, but sometimes evaporation or free cooling is used. Air conditioning systems can also be made based on desiccants (chemicals which remove moisture from the air). Some AC systems reject or store heat in subterranean pipes.

In construction, a complete system of heating, ventilation, and air conditioning is referred to as HVAC. As of 2018, 1.5 billion air conditioning units were installed, with the International Energy Agency expecting 5.6 billion units in use by 2050. Globally, current air conditioning accounts for 1/5 of energy usage in buildings globally, and the expected growth of the usage of air conditioning, will drive significant energy demand growth. In response to, in 2018 the United Nations called for the technology to be made more sustainable to mitigate climate change.

AC

GENERAL



AC



AC

 **GREE**
Air Conditioner & Fridge



 **GREE**

AC



AC





BRAND POWER ENGINEERING

Brand Power Engineering Ltd.

Head Office:

7/KA, (Level-5), Pici Culture Housing
Society Shyamoli
Mohammadpur, Dhaka-1207.

Rajshahi Office:

Shop # 37, Block# A
Railway Market, Station Road
Gourhanga, Rajshahi.

Chittagong Office:

Appelo Shoping
(2nd Floor) Kazi Dewri
Chittagong.



Tel : +88 02 58153870, +88 01708-527503, +8801973527503, E-mail : talam0802@gmail.com, www.bpe-generator.com

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