



C&B POWER
AT YOUR SERVICE SINCE 2010



Who We Are

C & B Group of Companies are an organization of a highly motivated, disciplined and trained team of Engineers, Technicians and Managers, who, day-in-day-out strive to implement cutting edge solutions in the field of Captive Power Solution.

In our organization, quality and excellence are not just corporate slogans to earn business and profits; they are an integral part of our every action because without high standards, we don't measure up to our own ideals.

C & B Group of Companies were founded in 2010 by Bamdev Chatterjee, a Chartered Engineer and Post Graduate in Business Administration having a good & vast experience in Captive Power Plant Sector and since then we have pursued a generous path of growth despite all competitions. Growth with a social ethics has been our motto.



Spirit of C&B Group

Success follows those who are bold enough to dream and it specially follows those who dream big and work with authenticity.

We, at C & B Group, have always selected the driving seat because we have always visualized about where we want to go, how to go and we are always sure of reaching our goal.



Mission

Enhancing Customer Satisfaction through

- Spearheading Technology.
- Stimulating workplace.
- Speedy deliverables.
- Smart Transparent system.
- Strong Focus on Quality.
- Environment and Safety.



Vision

Be the trendsetter in energy solution through environment friendly, efficient technology, meets the customer satisfaction.

We are witnessing enormous abuse of natural resources today-environmental degradation resulting from urbanization as well as severe shortage in energy due to rapid increase in demand. We recognize that efficient energy management is the best solution to the problem and we made it our vision to deliver highly efficient environment friendly DG Sets, Solar Product and Control Panels and provide our customers with energy efficient Products and Services.



What We Do.....

&BPOWER

We provide Captive power solution through Diesel and Gas Generators from 5 KVA to 4200 KVA , available in single/ three phase, LT and HT version as per ratings, Solar lighting towers, Solar Power Plant & related products.

- Supply of Diesel & Gas Generator Sets.
- Installation & Commissioning.
- Consultancy on selection of equipment and system engineering for special customer needs & adopting and providing any new technology in this field.
- Evaluating customer needs and designing the captive power systems, maintaining statutory norms.
- Undertake total Turnkey Jobs including DG & electrical panel supply, erection, commissioning and statutory clearances.
- Stocking of spare parts.
- Workshop facilities.
- Annual Service Contracts and Emergency Services.
- Major & minor overhauls.
- Facility for repair & supply of DG and elect. Panels.
- Rental Power solution.



&BPOWER is the OEM of VOLVO PENTA for D.G. Set Export

POWERED BY
**VOLVO
PENTA**



We are also the Authorized Sales and Service Distributor of **SUPERNOVA**, the largest OEM of **VOLVO PENTA** in India. Supernova DG sets powered by **VOLVO PENTA** Engines are available from 250 kva to 675 kva, CPCB 4+ compliant.

SUPERNOVA

POWERED BY
**VOLVO
PENTA**



Supernova Diesel Electric Gensets are powered by imported Swedish make Volvo Penta Diesel Engines ranging from 250 KVA to 675 KVA. The complete range is CPCB II compliant and NAL (National Aerospace Agency) approved. Each Supernova Diesel Electric Genset is manufactured under stringent quality assurance process and undergoes in-house testing. Engine corresponds to ISO 3046, BS 5514 and DIN 6271. The technical data applies to an engine operating on a fuel with a calorific value of 42.7 MJ/Kg (10200 Kcal/Kg) and a density of 0.86 Kg/Liter and as per BS 2869 Part 2 1998 Class A2 or ASTM D975D2. AC Generator performance corresponds to IEC-34, IS-4722.

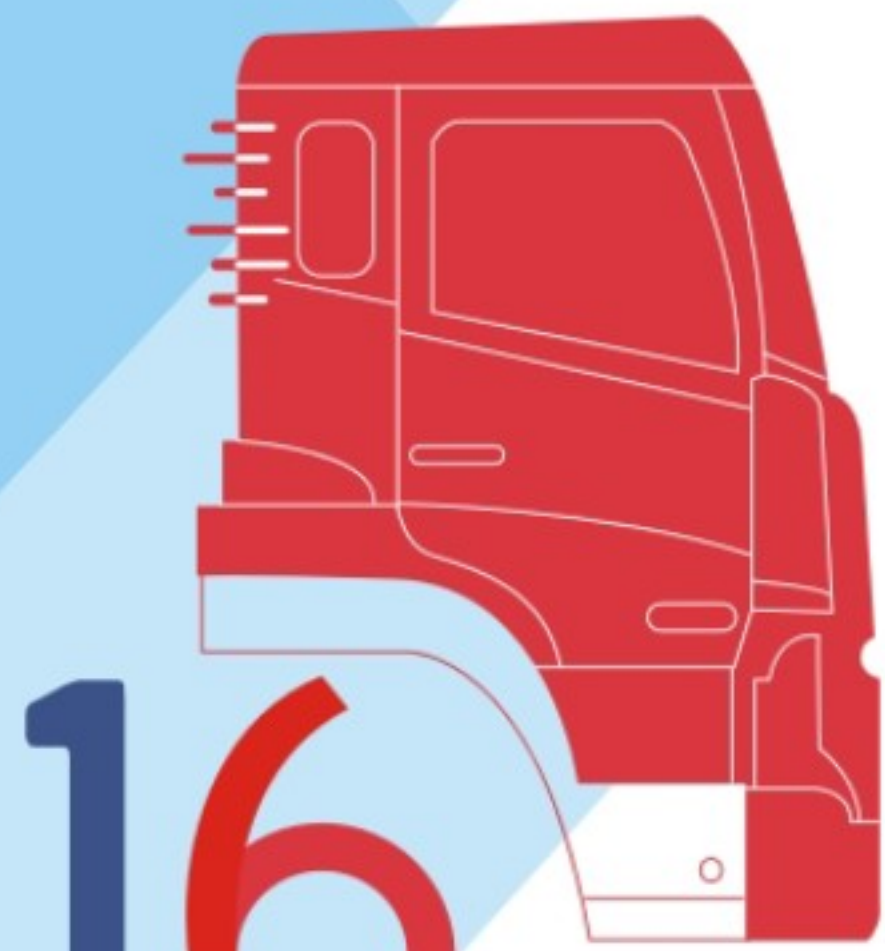
The unmatched fuel efficiency and ease of maintenance are the key factors which makes them preferred choice of customers.



&BPOWER

We are the Authorized O.E.A, Sales and Service Distributor of Volvo–Eicher (VECV– A Volvo Group & Eicher Motors Joint Venture) for Industrial Application and DG sets. The Highly fuel efficient, most Reliable Volvo Eicher (VECV) powered, Eco Friendly DG sets are available from 30kva to 200kva, CPCB 4+ compliant. The VECV engines are also available for Industrial & Agricultural application.

PARTNERSHIP WITH THE VOLVO GROUP



16
YEARS
OF DRIVING
MODERNISATION
VOLVO GROUP & EICHER MOTORS



Two leading players in the commercial vehicle business joined bands in 2008 with a convergent vision of driving modernisation in commercial transportation. Volvo Group, the world's leading manufacturer of trucks, buses, construction equipment and marine industrial engines, brought its frugal engineering and deep knowledge of the developing markets. The mission of this joint venture- VE Commercial Vehicle Ltd., is to raise the standard of the commercial transportation industry and take it to a new professional level.



Leader in commercial
transportation

Frugal engineering and operation

Aftersales infrastructure

Cost-effective operations



VOLVO GROUP

Global expertise

Leadership in product
technology

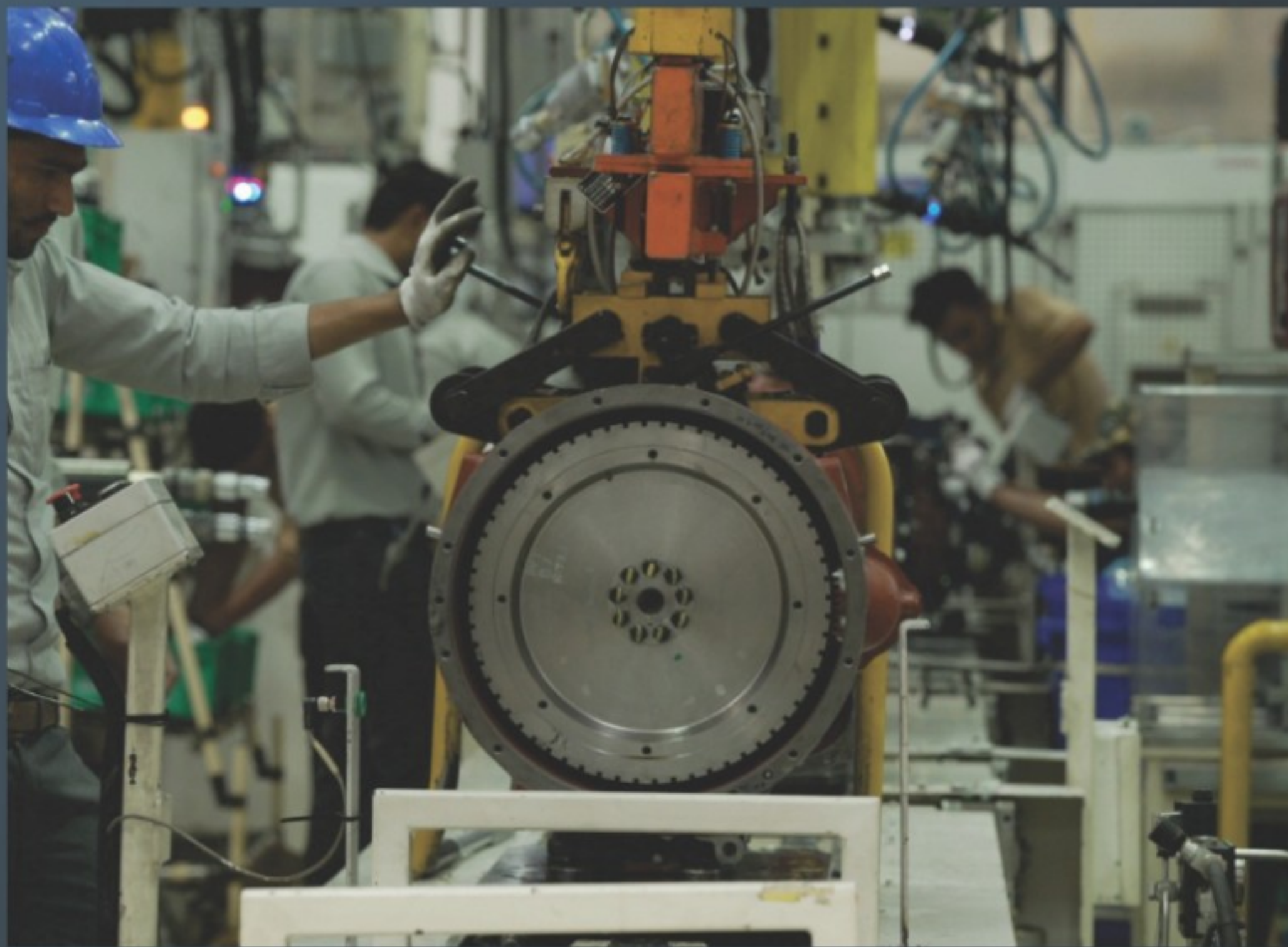
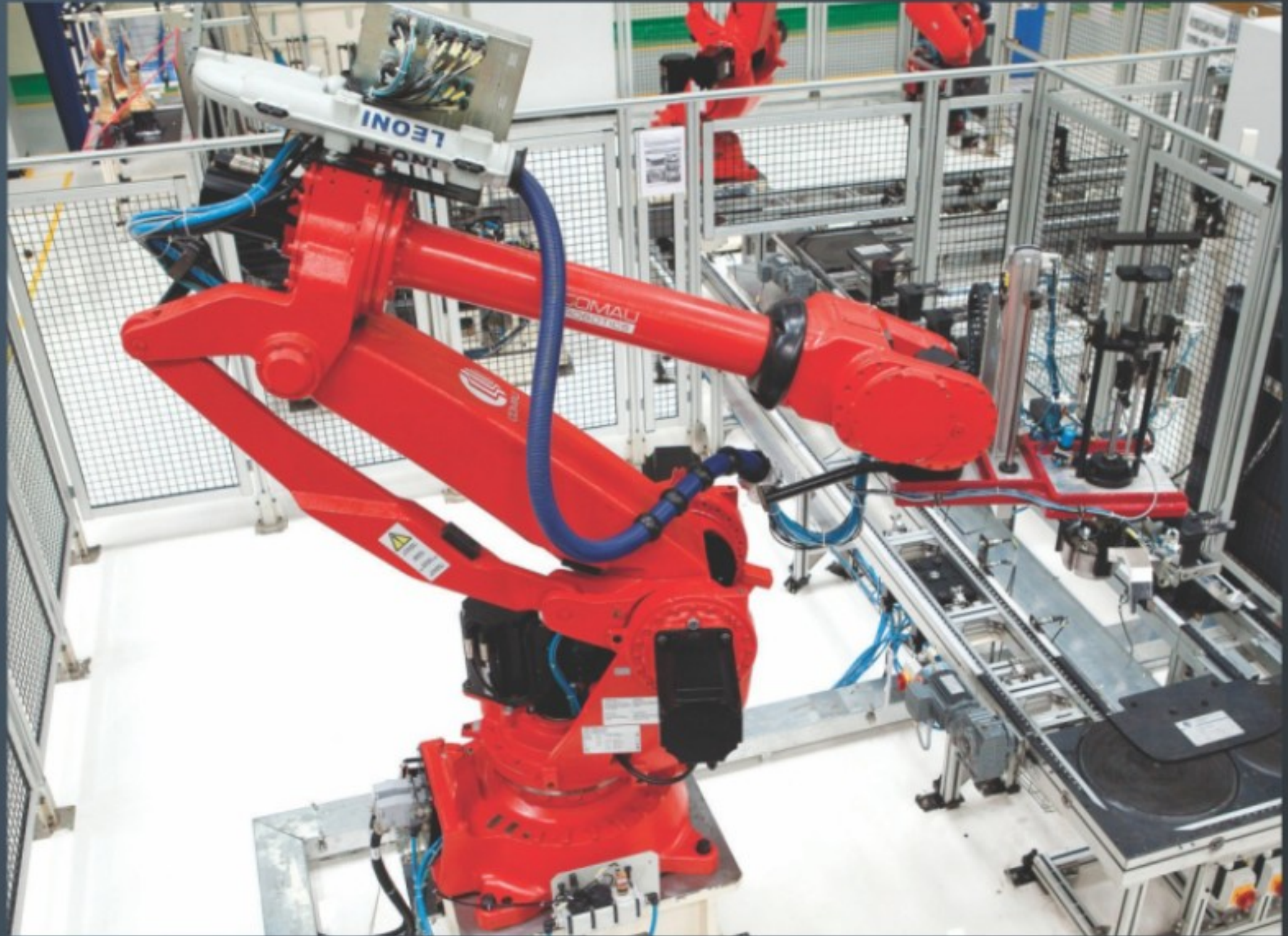
Well-defined processes
and control

Brand image



Global standard manufacturing plant

The Eicher engine has been designed and developed in a modern and high-tech manufacturing facility in Pithampur, near Indore, India. The next-generation engine plant, built in collaboration with the Volvo Group, not only manufactures Euro III and IV heavy-duty engines but also supplies Euro VI engines internationally to the Volvo Group.



Global technology meets frugal engineering

The assembly line has been built to balance high technology with frugal engineering. The state-of-the-art manufacturing process which includes a robotic cab weld shop, CED paint shop and 100% hot test facility, ensures quality and reliability of international standards.



A VOLVO GROUP AND EICHER MOTORS JOINT VENTURE



&BPOWER

We are the Authorized Sales and Service
Distributor of D.G sets from



A Joint Venture of Force Motors and Rolls-Royce

Available from 380 kva to 1010 kva



About Force

Force Motors is a fully vertically integrated automobile company that has played a pioneering role in the development of **LCV industry** in India having introduced iconic brands like the **Tempo, Matador, Minidor, Traveller, Trax**, etc.

Force Motors is the only company in the world that is producing engines for leading premium luxury car makers Mercedes and BMW.

Engines fitted on every Mercedes and BMW car made in India are produced at Force Motors.

About Rolls-Royce

Rolls-Royce Power Systems AG is a fully owned subsidiary of the **Rs. 2,25,000 Crore Rolls-Royce plc group**.

Rolls-Royce plc with over **50,000 employees** in **50 countries** pioneers cutting edge technologies that deliver the cleanest, safest and most competitive solutions

Rolls-Royce is one of the most renowned and respected brands which has customers

- in more than **150 countries**,
- comprising over **400 airlines**,
- **160 armies, 70 navies**,
- **4,000 marine** and
- **5000 power and nuclear customers**

About Force MTU Power Systems Pvt. Ltd.

It is a joint venture of Force Motors (51%) and Rolls-Royce Power Systems AG (49%) set up to manufacture in India and sell worldwide the renowned MTU Series 1600, 10 and 12 cylinder diesel engines for power generation, under floor rail and other applications.

This joint venture combines the strengths of the two partners viz., Rolls-Royce Power System's **cutting edge technology** in reciprocating off-highway engines and Force Motor's long standing experience in **top quality manufacturing** with access to the cost competitive Indian supplier network and knowledge of the Indian market.

The D.G sets are available from 380 KVA to 1010 KVA and onwards.



We achieved the All India Best and Efficient Performer
award for the year 2022-23 & 2023-24.



A Joint Venture of Force Motors and Rolls-Royce

Exclusive Benefits of the FMTU range

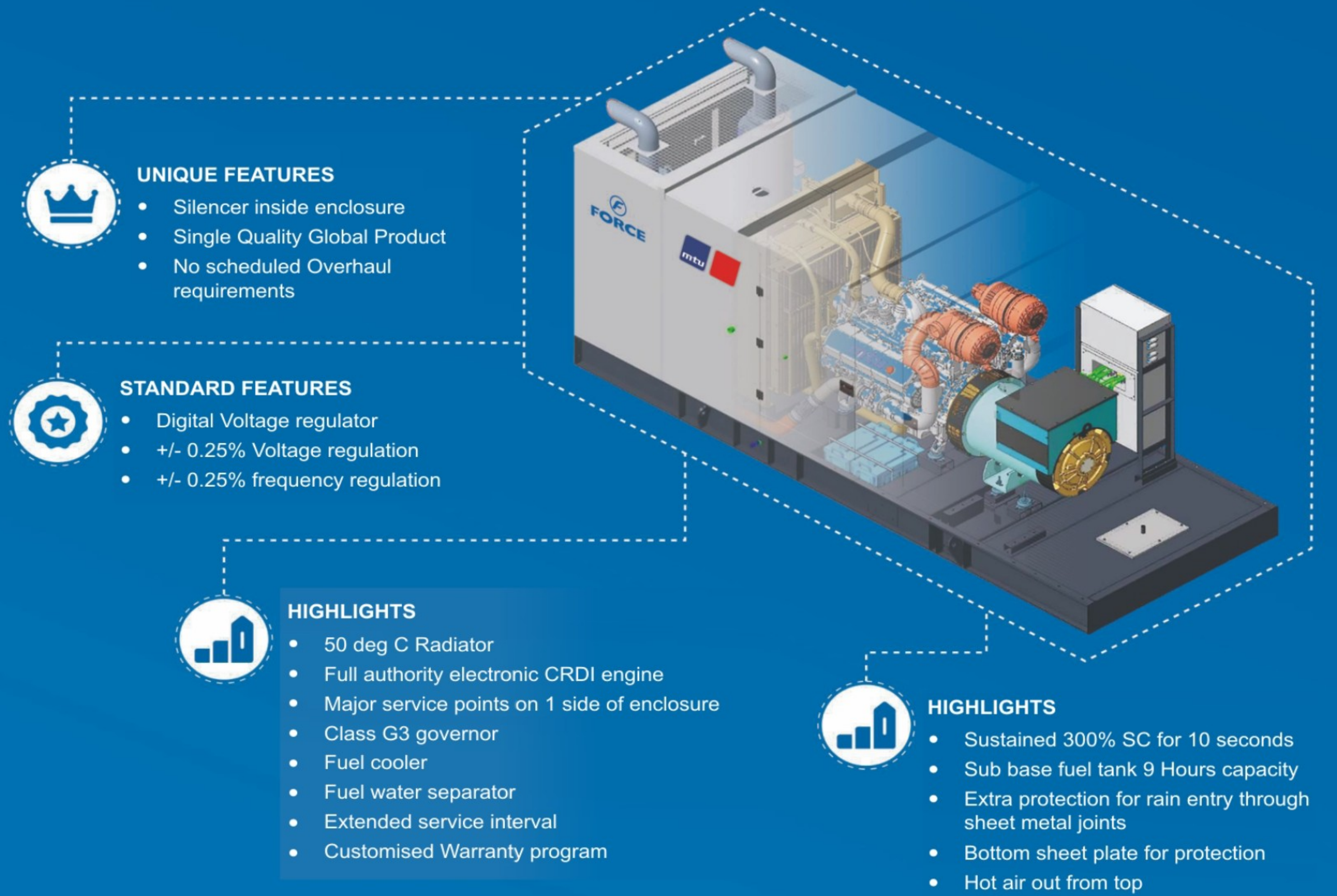
The FMTU Series 1600 engines are designed and developed keeping in mind the heavy demands it would be subject to in a wide variety of applications like power generation, construction, under floor rail etc.,

The engines made at Chakan will be a single quality global product which means every product made here will meet the Rolls-Royce global standards. The integrated silencers ensure that the generating sets are compact in size ensuring no additional mountings or protection requirements at the site



Force MTU Diesel Power System Range

The FMTU Series 1600 engine range with state of the art Common rail direct injection technology is a full authority electronics engine for best in class reliability essential for generating sets installed at sensitive locations requiring top quality prime and standby power requirements from 450 kva to 1250 kva.



Standard Features

- CPCB II Approved
- Fully Authorised Common Rail Electronic Engine
- Class G3 Governor
- Digital Voltage & Frequency Regulator
- PMG & AREP Winding Options
- Digital Solution

Best in Class Fuel Efficiency

The FMTU Series 1600 engines are known for their near linear fuel efficiency at loads varying from 25% to 100% making them the most cost effective in terms of operating costs. It also has best in class block loading capability and hence there is no need for over sizing the generating sets for accommodating sudden momentary peak loads.

Lowest Maintenance Cost

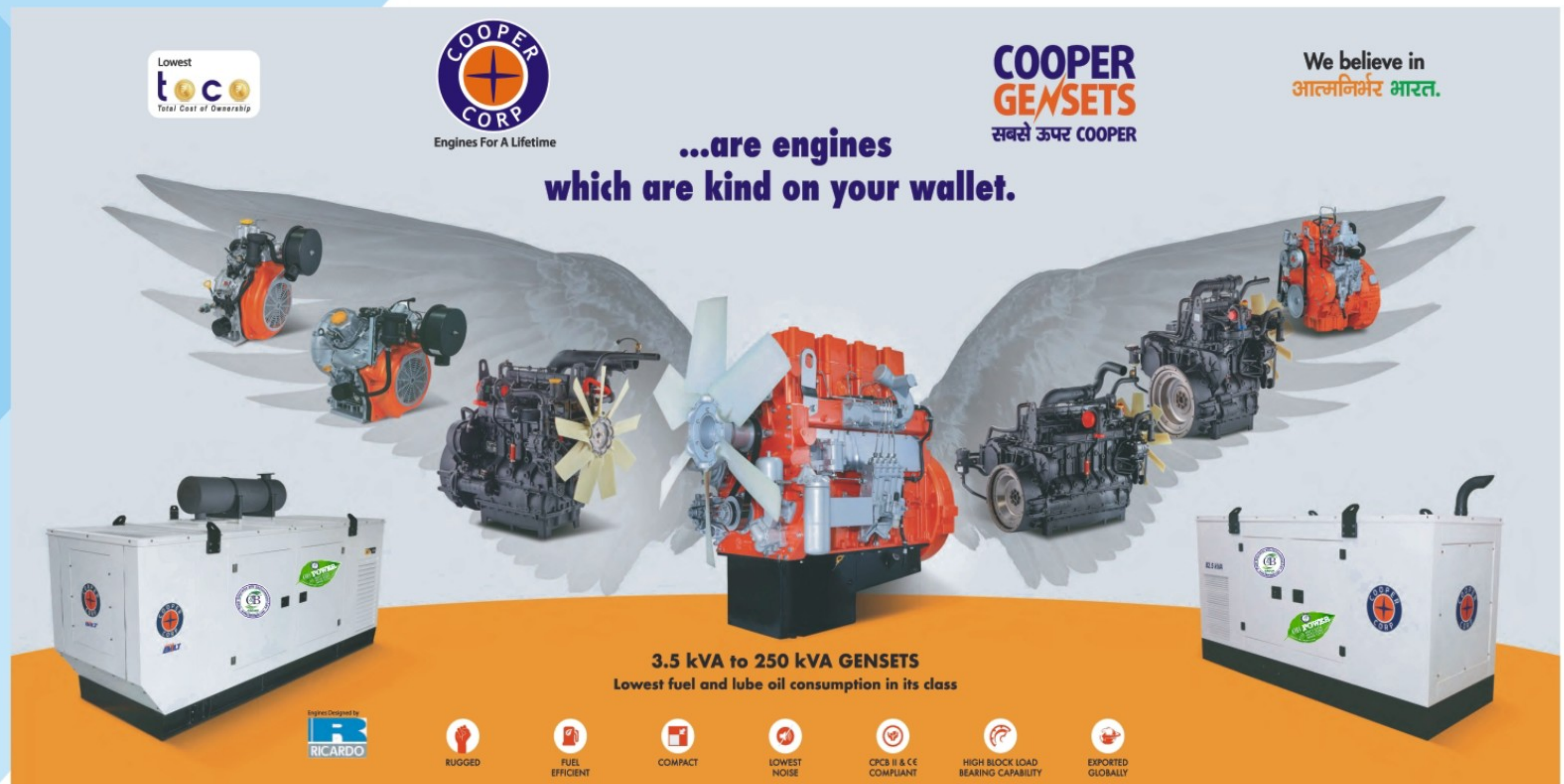
The high technology, high performance engines with high ambient and altitude capabilities have longer maintenance intervals and no scheduled overhauls. They are supported by a dependable after sales service network assisting with preventive maintenance measures and ensuring highest uptime.

&BPOWER

We are the Authorized Sales and Service Distributor of Cooper Corporation for Cooper advanced Ecofriendly DG sets available from 3.5kva to 250kva, CPCB 4+ compliant. Cooper DG sets of further higher capacity are also in the pipeline.

Cooper Corporation Pvt. Ltd.

Satara, Maharashtra, the Company, made the First Diesel Engine in India in the Year 1922. Since then legacy going on with the World's latest foundry, manufacturing facilities with the World's latest technologies, manufacturing the major components of the famous finest engines of the World like.



Lowest **toc** Total Cost of Ownership

COOPER CORP
Engines For A Lifetime

COOPER GENSETS
सबसे ऊपर COOPER

We believe in
आत्मनिर्भर भारत.

**...are engines
which are kind on your wallet.**

3.5 kVA to 250 kVA GENSETS
Lowest fuel and lube oil consumption in its class

Engines Designed by **RICARDO**

- RUGGED
- FUEL EFFICIENT
- COMPACT
- LOWEST NOISE
- CPCB II & CE COMPLIANT
- HIGH BLOCK LOAD BEARING CAPABILITY
- EXPORTED GLOBALLY

&BPOWER

We are the Authorized Sales and Service Distributor of **REHLKO (Kohler)**, the World's Largest DG set manufacturer, for the DG Sets & spare parts of DG Sets powered by Volvo Penta, Mitsubishi & Rehlko engines.



POWERED BY
VOLVO PENTA



&BPOWER

We are also Authorized Channel partner of

- GasTech-Control Infotech, for Dual Fuel conversion of DG sets.
- Comap for AMF & Synchronizing relays and controller of DG sets.
- KOHLER Lubricating Oils.
- Retrofitted Exhaust Emissions Control Device (RECD).

GasTech
Energy | Environment | Economy

ComAp 
The heart of smart control

ELECTRICAL PANELS & BATTERY CHARGERS.

We involved ourselves in designing, manufacturing, erection and commissioning of

- Power Distribution Panel.
- Standard Panel.
- DG auto Synchronizing, load sharing, Load Management, synchronizing panel.



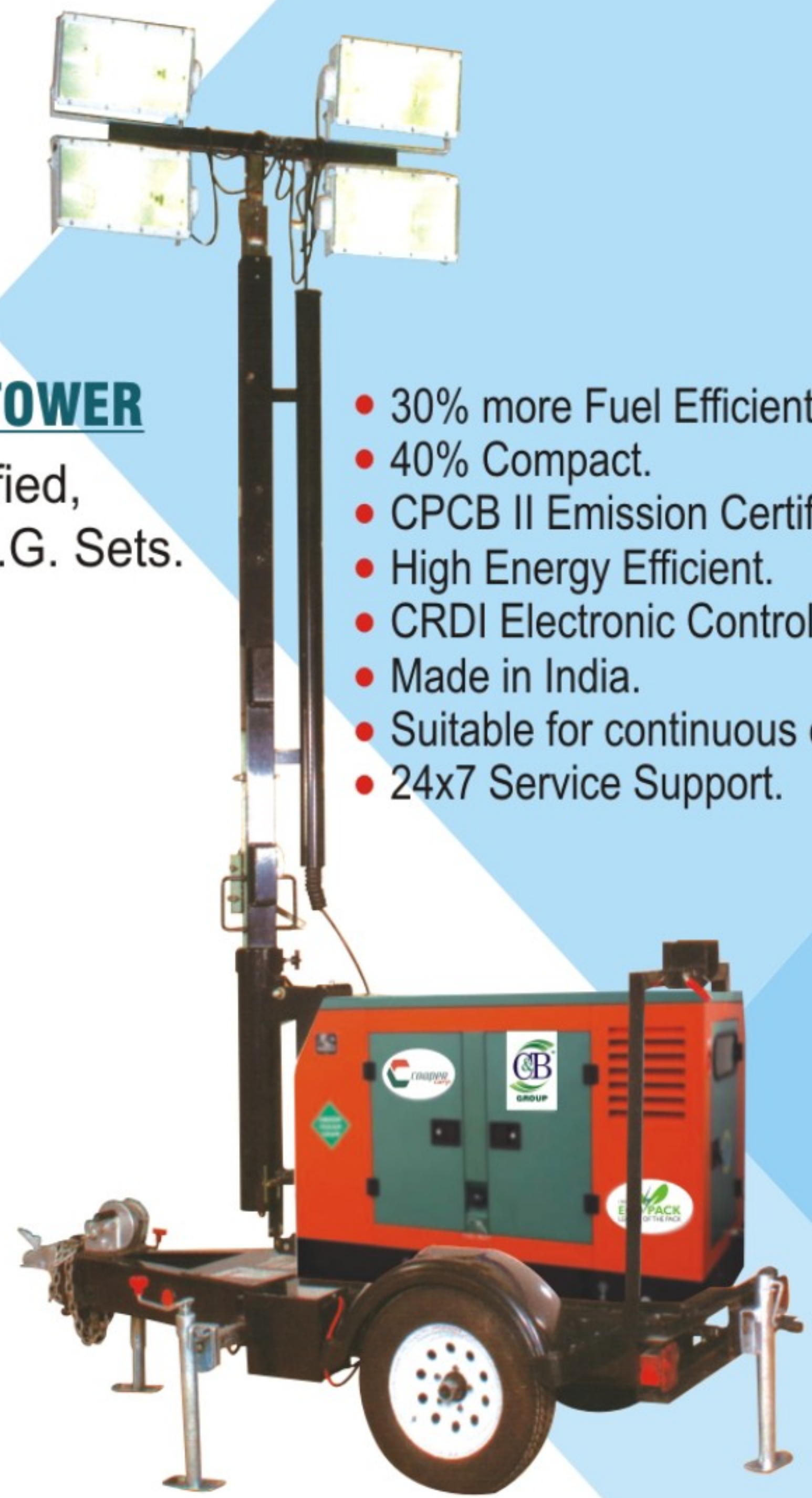
- AMF Panel.
- HT Panel.
- Battery Charger.
- AHU Panel.



DIESEL GENERATOR POWERED PORTABLE LIGHTING TOWER

Powered by the most reliable & efficient CPCB-II Certified, highly fuel efficient, compact, Cooper & VOLVO-EICHER D.G. Sets.

- Option of only Lighting Tower D.G. Set with a choice of no. of lights, LED or Metal Halides.
- Option of Lighting Tower along with Welding D.G. Sets
- Option of Lighting Tower along with Project Site Power Supply D.G. Set.
- Option of Hybrid facilities – Solar as well as D.G. Set Power Lighting Towers with the Option of Manual / Auto Changeover



- 30% more Fuel Efficient.
- 40% Compact.
- CPCB II Emission Certified.
- High Energy Efficient.
- CRDI Electronic Control.
- Made in India.
- Suitable for continuous operation.
- 24x7 Service Support.

SOLAR POWER PLANT, SOLAR LIGHTING TOWER, SOLAR WATER HEATER, SOLAR PUMPS

We undertake manufacturing, Supplying & Commissioning of

- Solar Power Plant - both Off Grid/On Grid/Hybrid type.
- Solar Street Lights.
- Solar Water Heater.
- Solar Portable Lighting Tower.
- Solar Agricultural Pump sets.



&BPOWER

INDUSTRIAL AND AGRICULTURAL APPLICATIONS, DG INSTALLATION PROJECTS, SUPPLY OF SOUND PROOF ENCLOSURES, ERECTION AND COMMISSIONING & AFTER SALES SUPPORTS, RENTAL POWER :

- We do Industrial and Agricultural applications with our Volvo Eicher (VECV) engines.
- We undertake total Turnkey Jobs including DG & Electrical Panel Supply, Erection, Designing and Manufacturing of Sound Proof Enclosure/ Room Acoustic Treatment & their commissioning and statutory clearances.
- Installation of R.E.C.D in DG sets.
- Having our own Workshop facilities.
- Annual Service Contracts and Emergency Services.
- Major & minor overhauls.
- Facility for repair & supply of DG and elect. Panels.
- We also provide Rental Power solution through dg sets on rent.



SPARE PARTS SUPPORTS

We have Company trained Efficient Engineers and maintain sufficient Genuine Spares from our principle at our different branches and service stations.

- We are the authorised Sales and Service Dealer of KOHLER & Supernova for Spares and service Support of VOLVO PENTA Powered dg sets.
- We are the authorised Dealer of Eicher (VECV) for the spares and after sales Support of Eicher (VECV) Powered dg sets and Industrial and Agricultural Application
- We are the Authorised sales and service Dealer of Force MTU for Spares and Aftermarket support of Force MTU DG sets.
- We are the Authorised sales and service Dealer of Cooper for spares and after market support of Cooper dg sets.
- We are the Authorised Dealer of Supernova and Power parts for the Supply of genuine Perkins dg sets parts.

At our Kolkata Nikhumbhila Workshop, we have DG complete overhauling, Testing, dg Sound proof Enclosure manufacturing and refurbishing facilities, DG control panel manufacturing and repairing facilities.



FEW OF OUR ESTEEMED CLIENTS





C&B ECOGEN PVT. LTD.

CIN No. : U29253WB2011PTC171101

ISO 9001:2015 & ISO 14001:2015 CERTIFIED MSME UNITS

Mktg. & Admin Office : Srishti Apartment, Ground Floor,
120/1 Kendua Main Road, Garia Patuli, Kolkata-700084

Mob : 09830212111

Email : info@cbecogen.com

bamdev@cbecogen.com

C&B POWERGEN PVT. LTD.

CIN No. : U29110WB2011PTC157364

Kolkata Workshop : Ujjayan Complex, 2nd Gate, Joinpur,
PO - Dingelpota, PS - Narendrapur, Kolkata 700151

Others Service Stations :

- Kolkata • Siliguri • Rampurhat • Suri • Bokaro
- Barbil • Malda • Durgapur • Burdwan • Hoogly
- Midnapur • Haldia • Guwahati

Website : www.cbecogen.com