

LOOP ENGINEERING

OVERVIEW OF OUR COMPANY

Loop Engineering Ltd. an American-based leading engineering company in Bangladesh, is moving forward with a clear vision to be the best design, supply, & installation provider in the engineering sector.

Services We Offer

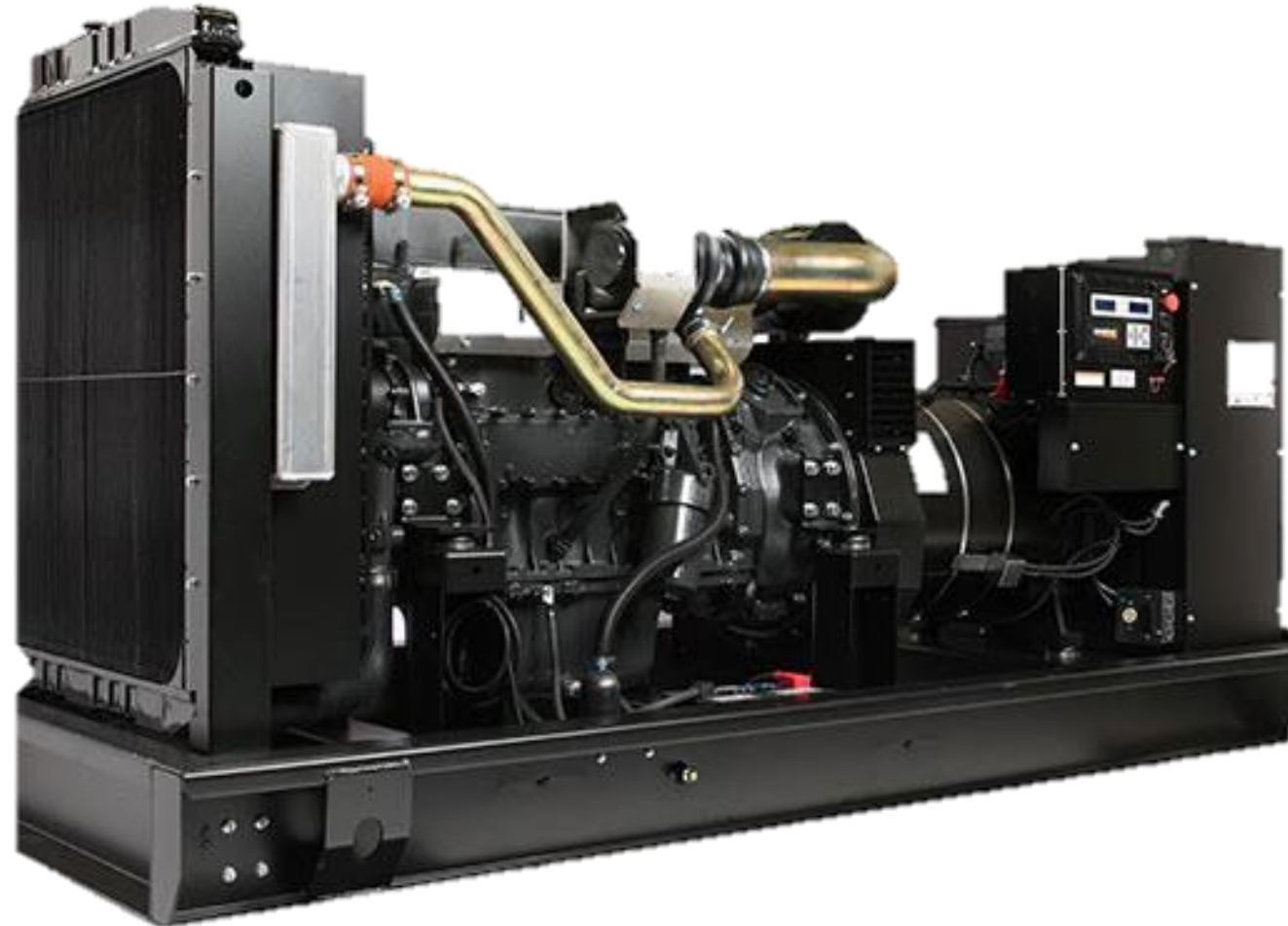
- HVAC
- Lift & Escalator
- Generator
- Transformer
- Fire Detection & Safety
- Automation
- Electrical Accessories
- HT & LT Switchgear
- Solar Solution
- Security Camera
- Project Proposal

Core Values

- Safety
- Professional Ethics
- Justice & Fairness
- Transparency
- Responsibility
- Social Commitment
- Respect
- Caring



ELECTRIC POWER GENERATION (EPG)



LOOP Engineering Gen-Set Range

The power range of our Diesel Generating set is from **5 KW to 2500 KW**. Its coupled by the world-famous brand Generator Such as Forest City, Welland Power, Aksa Excel Power etc.

Engine Brand

- PERKINS (England)
- CUMMINS (America)
- DEUTZ (German)
- VOLVO (Sweden)
- LOVOL PERKINS(China)
- WEICHA(China)
- RICARDO (China)

Alternator Brand

- STAMFORD (UK)
- MACCALTE (Italy)
- LEROY SUMER (France)
- MARATHON(USA)

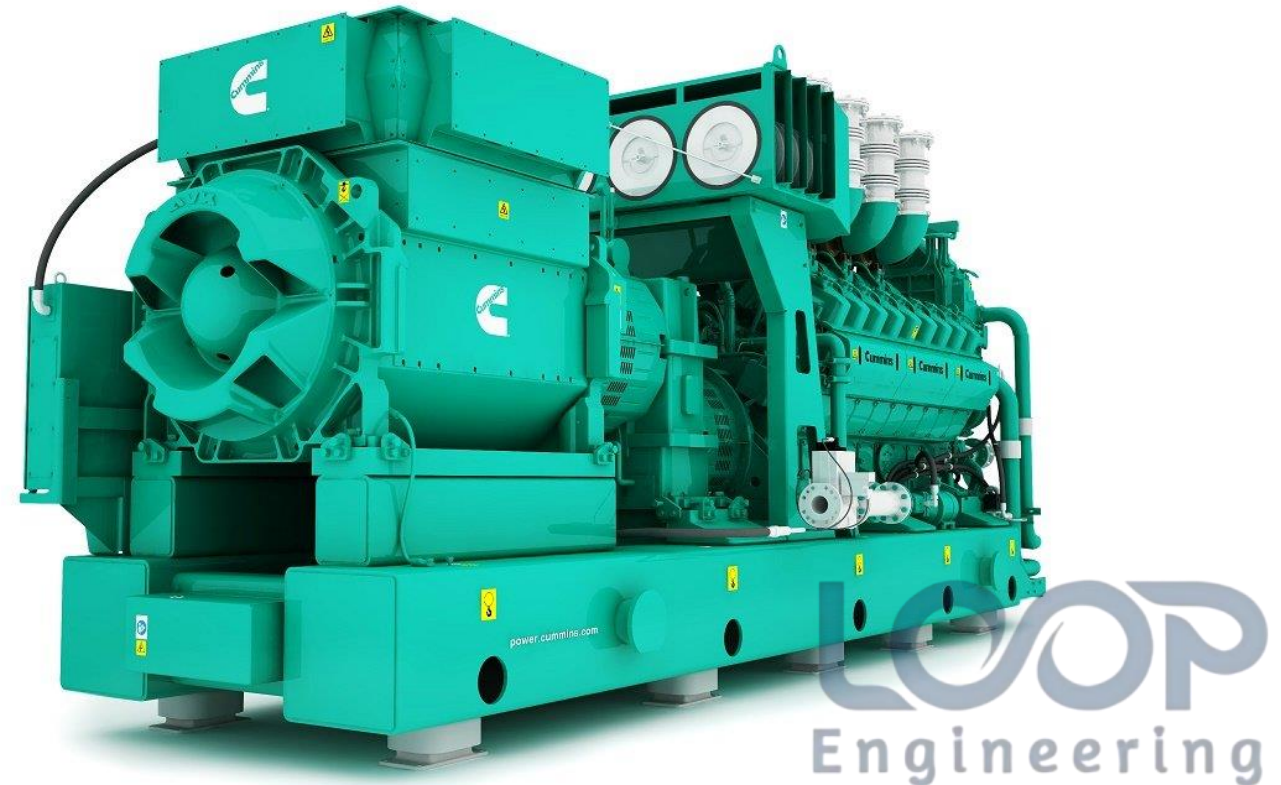


PERKINS ENGINE

PERKINS, a renowned diesel engine manufacturer since 1932, has an annual output of nearly 400,000 units. Their engines are widely used in various fields, including vehicle, construction, agriculture, industry, and marine.

Major original equipment manufacturers prefer Perkins for its durable quality, full specifications, reliable performance, low maintenance, and environmentally friendly exhaust.

Range – 9kVA to 2500kVA



CUMMINS ENGINE

CUMMINS, Inc. is a Fortune 500 corporation specializing in engines, filtration, and power generation products. Headquartered in Columbus, USA. Cummins sells in 190 countries and territories through 600 distributors and 6,000 dealers.

Cummins also services engines and related equipment, including fuel systems, controls, air handling, filtration, emission control and electrical power generation systems

Range – 150kVA to 3350kVA



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DEUTZ ENGINE

DEUTZ diesel engines. Originally founded as N.A. Otto & Cie. in Cologne, Germany, in 1864, DEUTZ AG is now the world's oldest engine company and one of the world's leading independent engine manufacturers.

Deutz Dalian is the joint venture company between Germany Deutz & China FAW Group, for producing BF4M and BF6M series, the products enjoy global warranty under Deutz international service net.

Range – 25kVA to 625kVA



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VOLVO ENGINE

VOLVO, a Swedish-based company with over 120 years of experience, is a leading engine manufacturer for power stations, generator sets, automobiles, construction machinery, and ships.

Their diesel generator sets offer low fuel consumption, low emissions, low noise, and compact structures. They have high load bearing capacity, fast cold start performance, stable work, less exhaust emissions, low operating costs, and a small appearance.

Range – 12.5kVA to 3750kVA

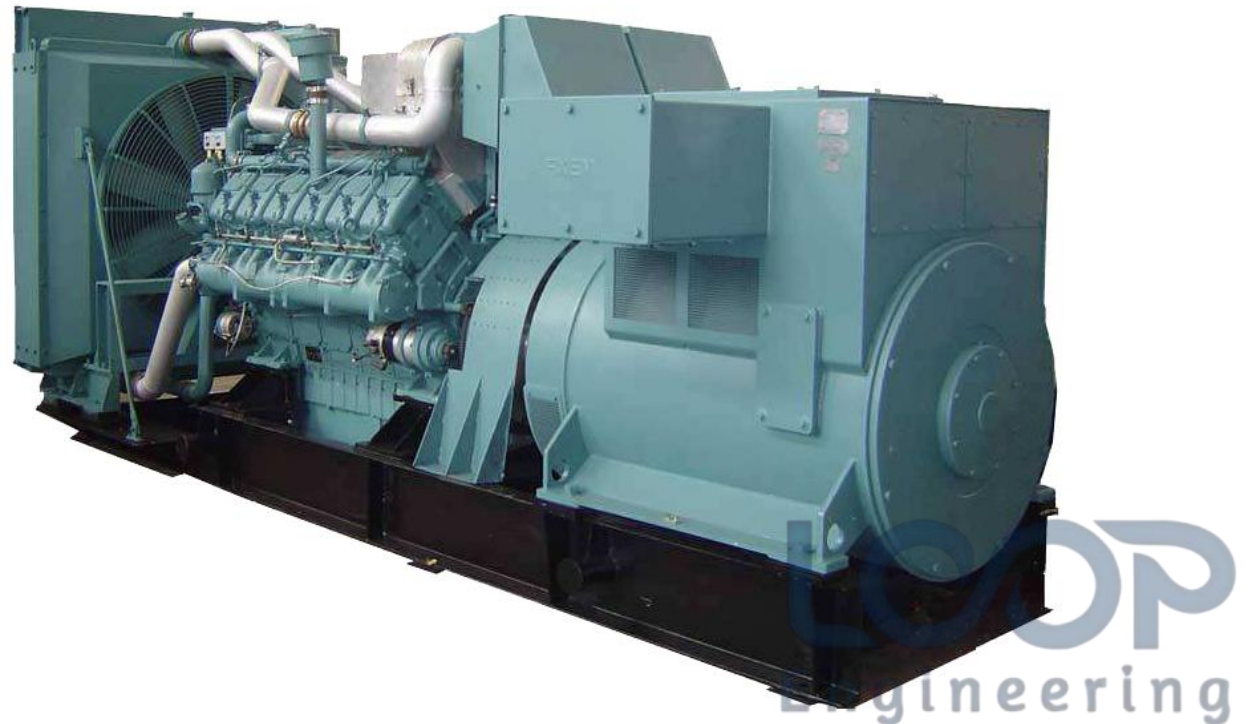


WEICHAI ENGINE

WEICHAI is a national-design manufacturer of small and medium-sized generating units in China, with over 70 years of experience. As the vice chairman of the internal combustion power generation equipment branch of the China electrical equipment industry association

The company offers safe, efficient, and complete power solutions. Their generator sets have a power range of 10-8700kW, featuring independently developed engines and well-known brands.

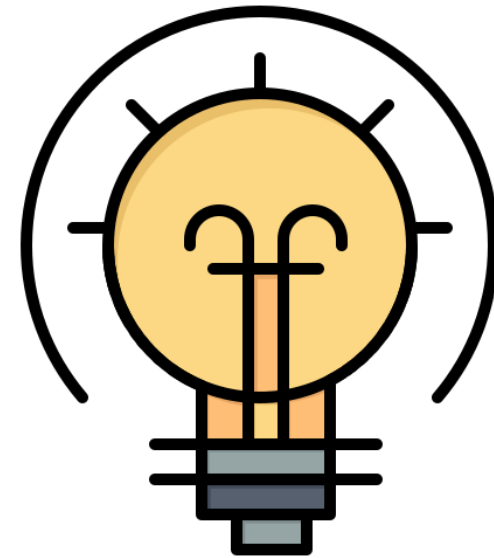
Range – 10kVA to 10875kVA



POWER GENERATION SOLUTION

We provide Future proof, top of the line Power Generation Solution to your esteemed Projects.

- Island Mode Operation
- Grid Sync Operation
- Sync With Existing System (GT/Utility)
- Turnkey Solution
- Tailored Cooling System (RT/CT)
- Exhaust Heat Recovery
- SOUND Attenuation And Residential Silencer
- Power Automation



Cummins 1000kVA vs. Competitor

CUMMINS GEN-SET KTA38-G5

- Lube Oil Consumption: 0.18 g/kW-hr
- Fuel Consumption:
 - 209 liter/hr @ 100% load
 - 113 liter/hr @ 50% load
- Exhaust Temperature: 524⁰C
- Compression Ratio: 13.9 : 1

Competitor GEN-SET 1000kVA

- Lube Oil Consumption: 0.21 g/kW-hr
- Fuel Consumption:
 - 228 liter/hr @ 100% load
 - 116 liter/hr @ 50% load
- Exhaust Temperature: 438⁰C
- Compression Ratio: 13.6 : 1

Cummins 500kVA vs. Competitor

CUMMINS GEN-SET QSX15-G8

- Lube Oil Consumption: 0.22 g/kW-hr
- Fuel Consumption:
 - 100 liter/hr @ 100% load
 - 52.5 liter/hr @ 50% load
- Exhaust Temperature: 5150C
- Compression Ratio: 17 : 1

Competitor GEN-SET 1000kVA

- Lube Oil Consumption: 0.24 g/kW-hr
- Fuel Consumption:
 - 102 liter/hr @ 100% load
 - 53 liter/hr @ 50% load
- Exhaust Temperature: 5030C
- Compression Ratio: 16 : 1

PROJECT MANAGEMENT

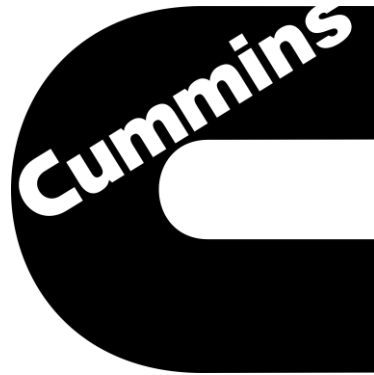
A dynamic process that utilizes the appropriate resources of the organization in a controlled and structured manner, to achieve some clearly defined objectives identified as needs. It is always conducted within a defined set of constraints

OUR STRENGTH

- In built Monitoring/Sequencing
- Precision Engineering
- Easy and Early identification of Bottlenecks
- Activity based costing
- Bridging with other vendors
- Forestalling unnecessary activity/expenditure
- Timely Completion
- Assigning tasks
- Reporting



Our Partners





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