



Company — Profile



www.congopowersolution.com



The BEST Approach to Energy Management - SMARTT

SMARTT Energy Management Solutions

In conjunction with offering Eniscope and a range of energy saving products, each BEST partner also follow a consistent, thorough approach to energy management to ensure the best results possible



1

Survey

We have developed IOS/Android app assist with delivering quick accurate on-site surveys.



2

Monitor

Using our proprietary monitoring system - Eniscope - we can accurately track energy usage (and wastage) over time. Second by second. Device by device.



3

Analyse

The data from Eniscope is sent up into the cloud, where our partners and clients can monitor it in real-time using our intuitive interface.



4

Analyse

With the benefit of itemised data, we can remotely isolate areas of wastage and take immediate low-cost action. In addition, we can introduce retrofit technologies to make even greater savings



5

Review

How well has the strategy worked? This stage is all about comprehensive reporting - we can show granular analysis of the energy management strategy to inform the future targeting process.



6

Target

The key to a successful investment in energy efficiency is sustained success. Our energy monitoring system stays in place, verifying success and identifying targets for change.



DIESEL GENERATOR SET

Durable | Robust | Built to Last

From 100 kVA to 3000kVA

20M33 ENGINE SERIES
2250 kVA

DESIGNED IN FRANCE

Unique Advantages Of Congo Power Solution

- French technology
- Flexible & creative customized solutions to meet customer needs,
- Single window solution -3s (sale-service- spare parts) erection, installation
- Complaint with Current CPCB norms & getting ready for CPCB IV+ norms
- Cast iron cylinder block with rugged body construction designed to minimize vibrations
- Hardened steel forged crankshaft with induction hardening
- Cast iron wet liners, lube oil cooled aluminum alloy pistons with high performance piston rings
- Separate cast iron cylinders heads with 4 valves for efficiency and ease of maintenance
- Cast iron centrifugal freshwater pump
- Warranty: One Year or 2500 Hours after commissioning
- Full flow multilevel type oil filters along with electrical pump to pre-lubricate engine, reduce friction and better start-ability
- Multilevel fuel filter with water separator to protect engine
- Exhaust manifold and turbo charger provided with shield to isolate heat, More than 50% block loading capacity
- 24/7 Lubumbashi service support, phone No. +243 884 159 677
- ISO 9001, 14001 and OHSAS 18001 certified

Standard Scope Comprising

Diesel Engine/ AC Generator/ Base frame/ Standard Control Panel/ Radiator/ Silencer/
Battery & Battery Cable/ AVMs/ First Fill of Lube Oil/ First fill of Coolant/ DG Set Controller/ Fuel Tank/
Wiring Harness/ Sensors

One Stop Solution (Optional)

Customised Power Solutions, Installation, Commissioning, Operations Contract, Amc/ Camc , Renting Power, Hybrid Solution, Electric Board Approval, Electrical Options Amf/ Auto Synchronising Panel



About Us

We are a **leading Power Solutions** Marketing and Service Company dedicated to providing comprehensive and innovative energy sustainability solutions to our clients. With a strong focus on reliability, sustainability, and customer satisfaction, we strive to meet the diverse power needs of various industries and organizations. Through our expertise, cutting-edge technology, and exceptional service, we aim to empower our clients and contribute to a greener and more efficient future.

MISSION STATEMENT

Our mission is to be a trusted partner for our clients, offering them reliable, cost-effective, and sustainable power solutions that drive their success. We are committed to delivering innovative products, exceptional service, and expert advice to meet the evolving needs of the industry while reducing the environmental impact.

VISION STATEMENT

To be the leading Power Provider of innovative and reliable solutions, setting the standard for excellence in sales and service, while ensuring customer satisfaction and contributing to sustainable energy practice.



HEALTH CHECK

Detecting minor problems early can prevent them from becoming major repairs/downtime, and improve the efficiency of your generator, which can lead to lower fuel consumption and reduced operating costs.


Our team of experienced professionals has a deep understanding of the energy industry and well-equipped to address the challenges faced by businesses today. We are committed to providing top-quality services and products that are tailored to the specific needs of each of our customers.



Visual inspection of the DG/turbocharger




Coolant analysis/ cooling system check



Wiring harness inspection /control panel wiring




Inspection of the alternator



Checking voltage and frequency for proper stability




Engine leak check




Engine mount check



Battery check



Piping hose and clamps check



Oil sampling and analysis (conclusive with a lab report)

We would be delighted to have the opportunity to discuss our services in more detail with you and explore how we can support your business. Please do not hesitate to contact us if you have questions or would like to schedule a meeting.

Thank you for your continued support, and we look forward to serving you now and in the future.





WHY CHOOSE US ?

- 01 ✓ Expertise and Experience
- 02 ✓ Customized Solutions
- 03 ✓ Quality and Reliability
- 04 ✓ Commitment to Sustainability
- 05 ✓ Exceptional Customer Service



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OUR EXPERTISE

- Diesel Power Plants
- Gas Turbine Power Plants
- Hybrid Power Solutions
- Power Saving Technology
- PAAS (Power as a Service)



Industries We Serve

- Mining
- Industrial
- Healthcare
- Hospitality
- Manufacturing
- Data centers
- Residential complex

Our Retail Jobs

- Health Check Campaign of your existing Diesel Generators
- Repairs and Maintenance (AMC).
- Refurbishment of Diesel Generators. Installation and Commission of new Power Equipment.
- Rental/Leasing of Power Equipment
- Structured Payment Plan





PREVENTIVE MAINTENANCE FOR YOUR DG:



Health Check to forecast the issues before your engine breaks down.



Service process will be implemented.



Monitoring of your DG at regular intervals



ISO-certified documentation.



Planning your parts and Consumables lowers your maintenance cost



Assistance in the Repair / Replacement of parts or even with your old equipment buyback programs.



Providing rental DG in case of emergencies.

