

الدوسري للأليات والمعدات

AL DOUSARI FOR MACHINE & EQUIPMENT EST.



Power Solutions

 Perkins

 LEROY
SOMER

 LINZ
MILITARY

 MURPHY

 DSE



ABOUT US



1. INTRODUCTION

DME is offering complete lifecycle power solutions for energy markets, by emphasizing innovation and total efficiency. DME supplies generator sets for the power generation market. Our company offers solutions for base load power generation, grid stability, peaking and ensuring continuity. Our services include oil and gas industry as well.

تقدم شركة الدوسري حلول الطاقة طويلة الأمد لأسواق الطاقة ، وذلك من خلال التأكيد على الكفاءة، الفعالية، والابتكار المستمر. تزيد الشركة عملائها بمولدات لسوق توليد الطاقة، كما تقدم الحلول لتوليد حمل الطاقة الأساسي، وإستقرار الشبكة، بلوغ ذروة التوليد وضمان الإستمرارية، وكذلك تشمل خدماتنا صناعات الغاز والبتروول.

DME supports its customers throughout the lifecycle of their installations by optimizing efficiency and performance. We provide expertise, proximity and responsiveness for all customers, regardless of their equipment make, in the most environmentally sound way.

تحرص شركة الدوسري على تقديم أفضل الخدمات لربائنها طوال فترة وجود صناعاتها لديهم. وتحرص كذلك على سرعة الإستجابة لجميع عملائها لصيانة صناعاتها، و الصناعات الأخرى بأفضل الطرق وبأعلى جودة.

2. VALUE

Our work will be guided by our beliefs and commitments to integrity, morality, credibility, collaboration, accountability, leadership and good reputation.

عملنا سوف يكون ضمن إطار حرصنا على الإنترام بالنزاهة، الأخلاق، التعاون، المصداقية، المسؤولية، القيادة والسمعة الحسنة.

3. MISSION

Our company provides lifecycle power solutions to fulfil the requirements of our customers when it comes to power generation and power solutions, whilst creating better technologies that benefit both the customer and the environment.

تقدم شركتنا حلول الطاقة طويلة الأمد لضمان تلبية عملائها بما يتعلق بتوليد الطاقة وإستمراريتها، مع الإحرص على دوام العمل وإبتكار تكنولوجيات جديدة تفيد كل العملاء والبيئة.

4. VISION

Our company will be the most valued business partner of all our customers by providing best services for both supply and after sales, 24 hours aday, 7 days aweek.

ستحرص شركتنا على أن تكون شركتنا عملائها الأكثر قيمة لديهم من خلال تقديم أفضل الخدمات، عند العرض وما بعد البيع، 24 ساعة في اليوم، 7 أيام في الأسبوع.



PRODUCTS

- 1 - GENERATOR SETS & SOUND PROOF
- 2 - GENSET SPECIFICATION
- 3 - CONTROL PANEL & GSM MODEM
- 4 - MOBILE GENERATOR & TOWERS LIGHT
- 5 - AUTOMATIQUE & MANUAL TRANSFER SWITCH (ATS - MTS)
- 6 - DISTRIBUTION PANELS (DB) & (MDB)
- 7 - SYNCHRONIZED SYSTEMS & LOAD MANAGEMENT - PLC MODULE
- 8 - SPARE PARTS
- 9 - MAINTENANCE

GENERATOR SETS & SOUND PROOF

- Made in UK .
 - You can use it as prime or standby power as customers need .
 - Open or close type (canopy)
 - It have efficient performance ,long life , hard work and low of fuel consumption
- ◆ A.V.M and high strength material. The frame and canopy are built with high strength material. All doors and movable fixtures are engineered to minimize vibration

• صناعة بريطانية
 • يمكن استخدامها كقوة أساسية أو احتياطية حسب حاجة العميل.
 • نوع مفتوح أو مغلق (مظلة)
 • تتميز بأداء فعال ،عمر طويل ،عملية صعبة ،استهلاك وقود منخفض

From 9KVA to 2000KVA

- Perkins Engine & Leroy Somer Alternator
- Perkins Engine & Linz



a.Small range Diesel Generating Sets



MOBILE GENERATOR



Your power on move

DME has a wide range of Mobile Diesel Generators. We can supply all your specific requirements.

Trailer or other types, with canopy for weather protection, soundproof & waterproof and tailor made to suit customers specific needs.

LIGHT TOWER

DME model LT4000 L light tower provides mobile trailer mounted flood lighting for nighttime maintenance, construction, mining and emergency work, it consists of a trailer with diesel powered 5KW generator and a 30 foot cable actuated tower with four 100 watt flood light fixtures, it is ideally suited for heavy duty use and is built to meet the following specifications.

CONTROL PANEL & GSM MODUM



AUTOMATIC & MANUAL TRANSFER SWITCH

Transfer Switch can be manual or automatic switch between multiple power sources. DME can assemble all kinds of transfer switches base on the needs of the user or the requirements on the project.

Manual Transfer Switch (MTS) designed to transfer electricity supply from once source to another, during the emergency or when the electric supply comes low. it would break the initial before making the new connection by physically/manually switching it.

For emergency power buildings an **Automatic Transfer Switch (ATS)** is essential. the ATS can automatically transfer load from main power to emergency power without operation intervention. when the main power fall or the voltage drop below 80% of normal voltage, the ATS will start emergency generator after a present time of 0 to 10 seconds (adjustable). at rated speed, the ATS will transfer load to emergency power with available size ranging from 16A to 3200A. there is a switch suitable for every projects need.

Features

- Mechanically held contactor & Breaker
- Optionally 4 or 3 pole.
- Rating range from 16A to 3200A



DISTRIBUTION PANELS (DB)&(MDB)

FEEDER PILLAR PANELS (FP)



Manufactured in compliance with BSEN/IEC 60439-1 International Standards. our busbar systems are full type-tested in accordance with IEC-60439-1 Construction: Form 1-4

Protection class: IP221

4 standard to IEC259 busbar systems used are of hard drawn, high conductivity (HDHC) copper imported from Europe



SYNCHRONIZED SYSTEMS & LOAD MANAGEMENT

PLC MODULE

Fuel Savings Synchronization panels are mainly designed and used to meet power system requirements. these panels provide manual as well as automatic synchronizing function for one or more generator breakers. they are widely used in synchronizing generators and offering multiplexing solutions.



How it works?

- **A generator control unit:**
this unit automatically matches the generator frequency and voltage levels with that of the bus, optionally 4 or 3 pole.
- **A synchro-check relay:**
performs the progressive functions of verifying voltage and phase angle conditions and ensuring that they are with preset limits before allowing the breaker to close. the device is provided with control switches in the front panel. these switches are responsible for manual raising and lowering of the speed and voltage of the generator to match the bus frequency and voltage before synchronizing. voltmeters and digital meters are also installed offer generator and bus measurements.



We are customer friendly, that's why we offer, our clients, all spare parts that are related in all our scope of work.

MACHINE PARTS



- Water pump
- Fuel pump
- Fuel injector
- Overhauling Kit
- Filters
- Others...

ELECTRICAL PARTS



- Circuit Breaker
- Contactor
- DSE Controller
- AVR
- Dynamo Charger
- Self Starter
- Emergency
- Stop Button
- Others...

MAINTENANCE

قسم صيانة



We care about supplying the best maintenance services in our maintenance workshop or at the customers sites

نحن نهتم بتقديم أفضل خدمات الصيانة في ورش الصيانة الموجودة لدينا أو عند العميل بالموقع

We provide excellent maintenance service by high quillified engineers and technicians

نزود خدمات الصيانة بفريق ذو خبرة وكفاءة عالية من مهندسين وفنيين

Our maintenance service by mobile call support to our customers 7/24, and we can provide perfect prices for the maintenance contracts

خدمة الصيانة بالتواصل عبر الهاتف طوال أيام الأسبوع وعلى مدار 24 ساعة، ونقوم بتقديم عقود الصيانة بأفضل الأسعار







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