



International Technical  
Trading Services



**POWERING  
YOUR WORLD**

Anytime, Anywhere



# ABOUT US

International Technical Trading Services FZC (ITTS) is a leading provider of diesel generators in the United Arab Emirates. We offer a wide range of diesel generators to meet the needs of any application, from small residential generators to large industrial generators. Our generators are powered by the most reliable and well-known engine and alternator manufacturers.

We have a team of experienced and knowledgeable engineers and technicians who are available to answer our customers' questions and help them select the perfect solution for their needs. We also offer a variety of maintenance and repair services to keep our customers' generators running smoothly.



# OUR VISION

Our employees are empowered to achieve and surpass their potential.

Which parallelly allows ITTS to focus on creating long-lasting business relationships with clients in order to facilitate long-term and sustainable success.

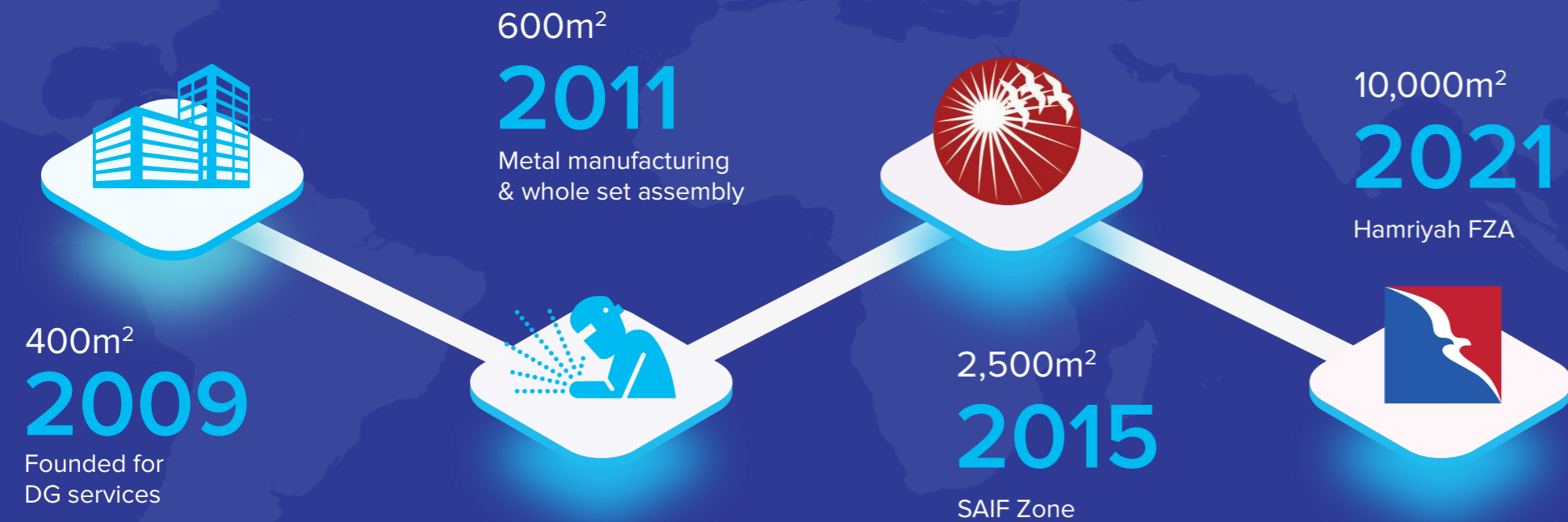


# OUR MISSION

We hire people based on their Experience, Talents and Skills. Enthusiastic and passionate team about what they do, and genuinely love.

Making sure we go above and beyond to deliver the power solutions.

# COMPANY ESTABLISHMENT AND ITS DEVELOPMENT TIMELINE



 **100+**  
EMPLOYEES



- MAIN FACTORY IN UAE
- RESERVED LAND FOR FUTURE EXPANSION
- FACTORY IN ETHIOPIA

## GLOBAL FIGURES

**2000+**  
PER YEAR

- OPEN SETS
- ENCLOSED SETS



**20% - 30% Increase**  
\*based on ranges & models  
Per Year



OFFICIAL  
DISTRIBUTORS IN MENA  
AREA AND CLIENTS  
AROUND THE GLOBE



# GENERATOR SETS

ITTS main product is the diesel generator set with power ratings from 9 KVA to 2000 KVA. The variety of generator sets assembled by ITTS is as diverse as the customer's special needs. We can "Tailor-Make" the generator set to be stationary or mobile, for residential (soundproof to 72 dBA), industrial application, (Weatherproof) commercial applications.

Closed Type generators have multiple features where they are protected from Weather Rust, Rodents/Pests. This genset is locked within a Soundproof/Silent Canopy. The usage of Closed Type Generator is you can use it Outdoors, possible to use in Residential Areas, also in Rough Environment such as Oil&Gas and Offshore.



# OPEN TYPE GENERATORS

Open Type Generators will be more visible to see and it has cooler temperature. The special feature is we can upgrade the Fuel Tank size. The usage of Open Type generator is we can use it in Building Basement as a backup, in industrial and construction, in Outdoor with open shed, anywhere where sound will not be an issue.





# SPECIAL CANOPIES

Super Silent is superior soundproofing to bring the soundlevel down to 68 dBA @ 1m. This is a specialized canopy for residential applications or hospitals where high sound level can be a nuisance.

Marine gensets are specifically used in offshore application. These units are not using typical water cooling but use the sea water and have a unique design.

Telecom Diesel Generator is for longer service life with internationally known brand components. Fully load tested before dispatching to ensure the reliability with appropriate air intake, to ensure the noise.



**SUPER SILENT GENERATOR**



**MARINE GENERATOR**



**TELECOM GENERATOR**

# TOWER LIGHT

ITTS model Lumini Tower Light provides mobile trailer mounted flood lightning for nighttime maintenance, construction, mining and emergency work. It consists of a trailer with diesel powered 7.2 KW generator and a 30 foot cable actuated tower with 400 Watts flood light fixtures. It is ideally suited for heavy duty use and is built to meet the following specifications.

Tower lights come normally with trolleys to allow them to be transported easily as well as with adjustable height to customize for your application.

LED are more efficient at producing light and faster but Metal Halide option is also there.





# STEEL FABRICATION

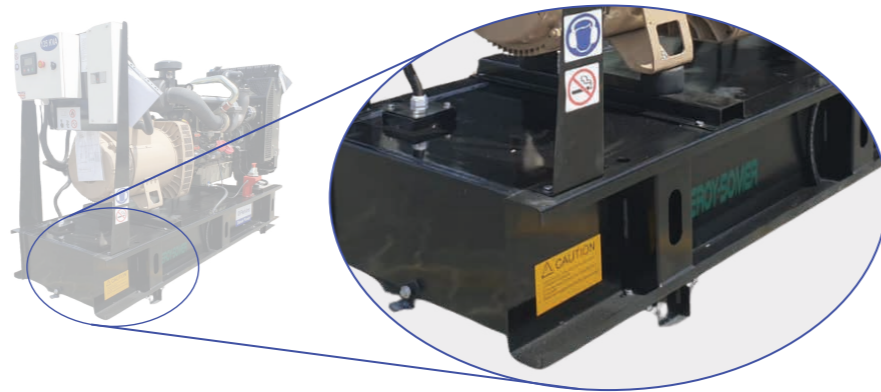


## Canopy

Generator canopy Noise Range is (68 to 80 dBA) at 1 meter. There is sufficient air for engine aspiration and proper heat dissipation. We have specially designed residential silencer which maintain low noise level. Also our Acoustic rooms are well finished and properly designed.

## Base Frame

Generating sets are installed on base frames that are manufactured according to the size and dimensions of the engine and alternator. We offer our costumers a wide range of precision base frame for diesel generator sets that is known for their flawless performance and efficiency, simple configuration and easy installation features.



## Fuel Tank

- ♦ Fuel Tank has 2 types with Single Walled Tank upto 26000 Liters capacity and Double Walled Tank upto 5000 Liters capacity.
- ♦ The enclosure has been made with Mild Steel from 4-6 mm thick sheet which is bended, Sheared and then welded to make it into a tank shape. Cusomtization can be done for all kinds of dimensions. Fuel Tank is Sand Blasted accorinding to SAE 2.5. The coating of the fuel tank is covered with Powder and Epoxy Coating according to the application keeping 200-220 DFT. Customizable instrumentation for level monitoring and control via fuel transfer system for automatic flow.



## Container

20 FT. / 40 FT.

**New ISO Containers modified to meet client demands**

We can customise to acheive:

- ♦ Twin generators to work in one container with switchgear housed together.
- ♦ Large synchronization panels housed in container.
- ♦ Gensets having Remote Radiators.
- ♦ IP55 Rated gensets.



## Trolley

These portable trollies have gensets mounted on them which is suitable for an application requiring mobility. Basically this will come with 2-4 or more tyres depending upon the generator size. The features of trolley are as follows:

- ♦ Heavy duty base frame which is made with thick Mild Steel for extra stability of mobile application.
- ♦ Front Direction Wheel with suitable loading capacity.
- ♦ Power outlets on the units which allow you to plug extension cords and electric-powered tools.
- ♦ Stabilising Jacks with 4 legs.
- ♦ Trolleys comes with Brake lights, Number plate, Turn signals, Safety chain, Mudguard and Spare Wheel.



# SWITCHGEAR

## 1. Automatic and Manual Transfer Switch

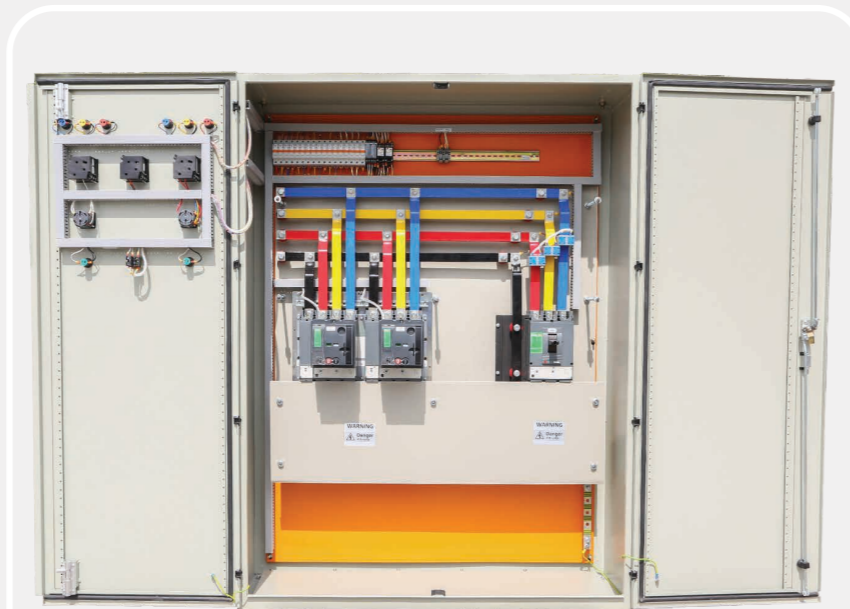
Transfer Switches can be manual or automatic and switch between multiple power sources. ITTS can assemble all kinds of transfer switches based on the needs of the user or the requirements on the project.

ATS are designed to transfer electric supply from once source to another, during an emergency or when the electric supply comes low.

For emergency power buildings an Automatic Transfer Switch (ATS) is essential. The ATS can automatically transfer load from main power to emergency power without operator Intervention. When the main power falls or the voltage drops below 80% of normal voltage, the ATS will start emergency generator after a time of 0 to 10 seconds (adjustable). The ATS will transfer load to emergency power with available size ranging from 22A to 3200A.

### Features

- Mechanically held contactor or motorized
- Optionally 4 Pole
- Rating range from 22 to 3200A



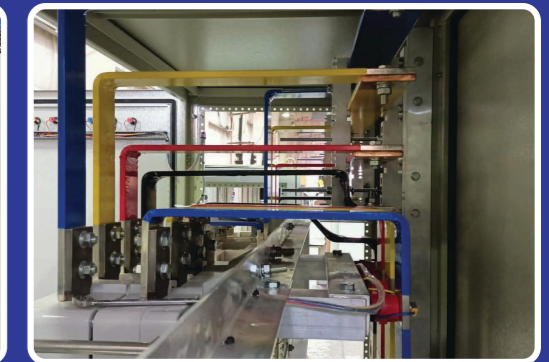
## 2. Control Panel

Our generator control panels come with digital controller. Other options include analog meters and gauges.



## 3. Synchronization Panel

We manufacture Synchronization Panels to combine smaller generator power into larger ratings. Synchronizing also provides more reliability with multiple units sharing the loads and synchronizing process is more fuel efficient. An easy way to use Synchronizing Auto Start Control Module suitable for use in multi-generator load-share system, designed to synchronize up to 32 generators including electronic and non-electronic engines.



## 4. Distribution Panel, Feeder Pillar Panel and other kind of panels





## QUALITY CONTROL

Our Quality Control Team meticulously inspects each product before packaging, conducting thorough testing at every stage to prevent any issues on the client's end. Our goal is to ensure our client's satisfaction and their return to ITTS all the time.



We guarantee the superior quality of our products by adhering to ISO 9001's established protocols. Our streamlined system effectively identifies and rectifies issues at various production stages, ensuring a seamless flow of production.

## AFTER SALES SERVICE

The **ONE-STOP SERVICE PROVIDER** for all generator needs!

We have an expert team for Generator Aftersales and troubleshooting all over the Gulf and MENA Region as well. We have maintenance contract all over UAE with 24/7 availability.

Our tech team can also travel abroad in GCC, Middle East and Africa almost all of the time for TESTING and COMMISSIONING or TROUBLESHOOTING.

When your generators need rewinding and extensive maintenance, you can rely on ITTS. We are your dedicated specialists in generator rewinding, repair and overhaul and we will always be prepared to meet your requirements.







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## CONTACT US



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