



# COMPANY PROFILE

THINK POWER SOLUTION.  
THINK POWERTRADE ENERGY.

Where technology and engineering meets to  
bring about innovation that shapes a better  
future without compromise.



# COMPANY OVERVIEW

## OUR VISION

To be the leading energy solution provider in ASEAN.

## OUR MISSION

To deliver reliable, efficient, green, and affordable complex power solution through a committed team of professionals.

## OUR CORE VALUES

- **Respect** all stakeholders and individuals
- **Integrity** and professionalism throughout the organization
- **Dedication** is expected in every personnel



# COMPANY HISTORY

Powermech was incorporated in 1989 dealing with manufacture, sales, service & rental of diesel generators and was appointed the Scania engine dealer.

1989



Powermech Energy Sdn Bhd was incorporated in 2003 to take over the Energy engine & generator business from Powermech Engineering.

2003

In December 2016, Powertrade Energy was appointed the distributor for DAEWOO diesel engines

2016



1991

**KOHLER**  
POWER SYSTEMS

In 1991 the company was appointed as distributor for Kohler Generators for Malaysia



**SHENG DONG**  
胜动燃气机 Gas Engines

2015

In August 2015, Powermech Energy was renamed to Powertrade Energy as a result of change in shareholders and in 2016 Shengdong appointed Powertrade as the Sole Distributor for its gas engine and biogas system.



## OUR BUSINESS CORE

Today, Powertrade Energy has transformed into a total energy solution provider. From sales, project management and rental of diesel generators to renewable energy solutions such as biogas and biomass systems.

### DIESEL GENSET SALES



### DIESEL GENSET RENTAL



### MAINTENANCE SERVICE



### SPARE PARTS SALES



### RENEWABLE ENERGY





## SCANPaC OVERVIEW

SCANPaC GENERATOR is built on a philosophy that through engineering, technology and innovation we could create solutions that match industrial needs and add value to our customers. We believe that we can improve lives without compromise.

SCANPaC Generator is a trademark of Powertrade Energy was first registered in 1999 after the export of the 1st Scania Powered diesel generators to Powerpac Bangladesh. Since then, SCANPaC Generators have grown leaps and bounds, exporting to other countries such as Cambodia, Vietnam, Myanmar and chartered tremendous growth in Malaysia.

SCANPaC Generator is now comprised of various branded diesel engines and alternators.

Engine and Alternator Brands





The key focus is on customising products that solves customer power problems namely:

1. Selection of the right engine as a Powertrade
2. Operating costs, engine with low fuel and oil consumption
3. Minimise down time, choice of components
4. Parts availability
5. After sales service
6. Price that meet the customer's expectation

Highly customizable to fit into different market requirements and budget

Engine and Alternator Brands







## SCANPaC PRODUCT



SC Series  
(250kVA - 700kVA)  
Scania Engine  
from Sweden



CU Series  
(20kVA - 2250kVA)  
Cummins Engine  
from China, India &  
U.S.A.



YC Series  
(20kVA - 2750kVA)  
Cummins Engine  
from China



VE Series  
(80kVA - 700kVA)  
Volvo Engine  
from Sweden & Germany



DS Series  
(80kVA - 750kVA)  
Doosan Engine  
from South Korea



**SDEC**

SD Series  
(20kVA 1800kVA)  
SDEC Engine  
from China



PE Series  
(9kVA - 2250kVA)  
Perkins Engine  
from China, India and UK



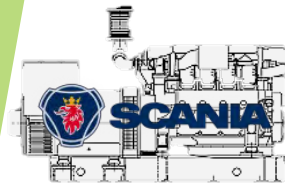
VM Series  
(180kVA - 1000kVA)  
VMAN Engine  
from China



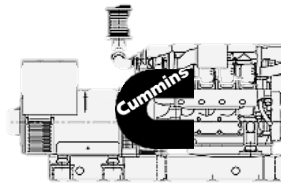
JOHN DEERE

JD Series  
(30kVA 300kVA)  
John Deere Engine  
from U.S.A

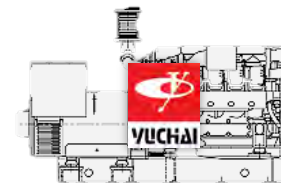
## SCANPaC RANGE



**SE series (250-700kVA)**  
best fuel economy range,  
reliability and best for prime  
power.



**CU Series (30-3500kVA)**  
popular, wide range to  
select, budget and high  
specs



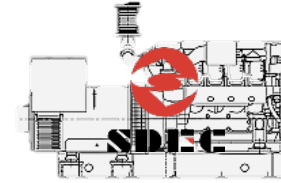
**YC Series ( 20-2750kVA)**  
Lowest in price, suitable for  
prime and standby power



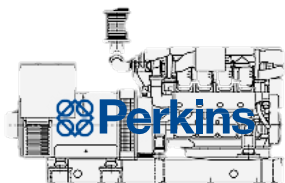
**VE series (80-700kVA)**  
Government preferred and  
JKR approved EMAL list..



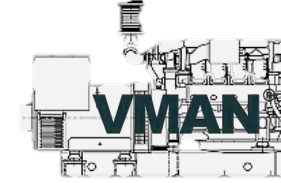
**DS series (80-750kVA)**  
Government preferred and  
JKR approved EMAL list.



**SD Series (20-1800kVA)**  
Lowest in price and Popular  
demand in market.



**PE Series (10-2250kVA)**  
Customer's preference in  
many colonial influenced  
countries



**VM series (180-1000kVA)**  
Good engine, European  
technology, Most  
competitive.



**JD series (30 - 300kVA)**  
Reliable, robust and  
compact engine. Most  
competitive.

Engine and Alternator Brands

**VOLVO  
PENTA**

**Perkins**



**SCANIA**

**VMAN®**



**SHENG DONG**  
SHENG DONG  
Gas Engines



**DOOSAN**



**LEROY  
SOMER**

**Nidec**  
LEROY-SOMER

**mecc alte spa**

**STAMFORD**

**EVOTEC**

**KWise**

**LINZ  
ELECTRIC**

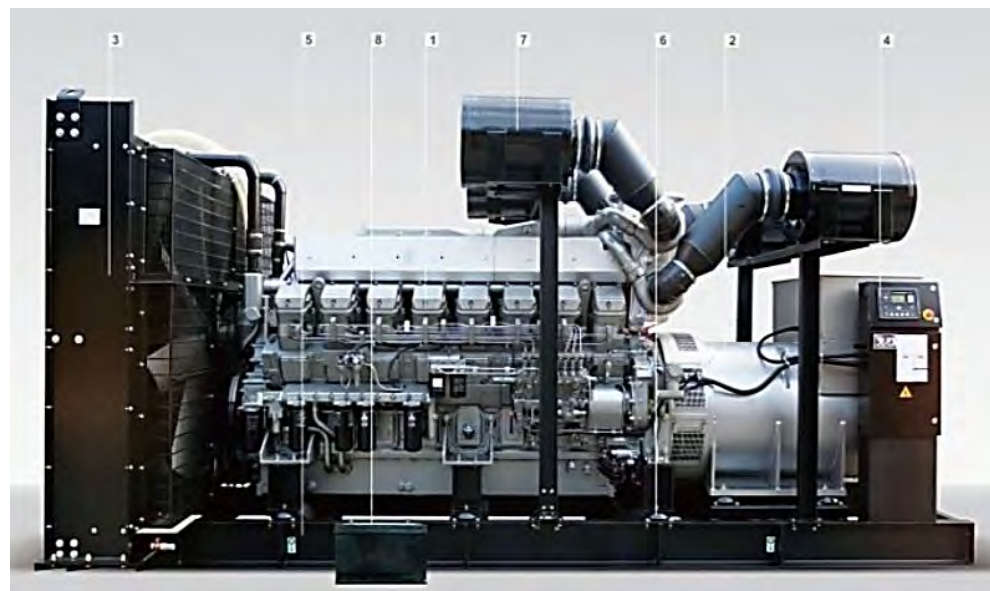


# SCANPaC Generator

Standard Provision

OPEN TYPE

1. High Quality Engine
2. High Quality Alternator
3. Radiator C/W Safe Guard
4. LCD Intelligent Controller
5. High-strength Base frame
6. Anti-vibration Pad
7. Air Filter
8. Maintenance Free Start Batteries
9. Operation Manual



Engine and Alternator Brands

**VOLVO**  
**PENTA**

**Perkins**



**SCANIA**

**VMAN**



**SHENG Dong**  
SHENG Dong  
Gas Engines



**DOOSAN**



**LEROY**  
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**Nidec**  
LEROY-SOMER

**mecc alte spa**

**STAMFORD**

**EVOTEC**

**KWise**

**LINZ**  
ELECTRIC



## SCANPaC Generator SILENT CANOPY TYPE



Super sound-attenuated enclosures



Suitable for any type of industry use

Generating sets designed to offer the best quality and durability.



# BIOGAS SYSTEM



**SHENGdong**

胜动燃气机

Gas Engines

In 2015, Powertrade embarked to the Gas and biogas generator business, which is inline with the growing market demand in the Renewable Energy business

In 2016, we were appointed the distributor for Shengdong Natural gas and bio gas engine generator (150-1200KWe)

In 2016, SEDA, Sustainable Energy Development Authority approves Powertrade as the local manufacturer of Shengdong biogas generator. Developers buying our generators enjoy a bonus FiT tariff of RM0.05/kwhr

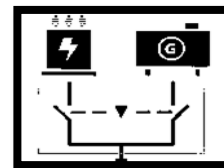
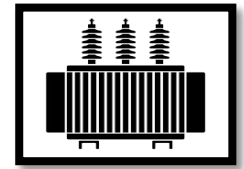
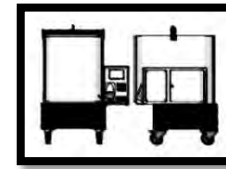




## OUR RENTAL GENSET

Powertrade SCANPaC Genset rental offers wide range of power generators ranging in power from 20 KVA to 2000 KVA. We have gensets from Scania, Cummins, Daewoo, VMAN, Mitsubishi and other leading manufacturers, so that we can offer best suited solution to the particular need of our customers.

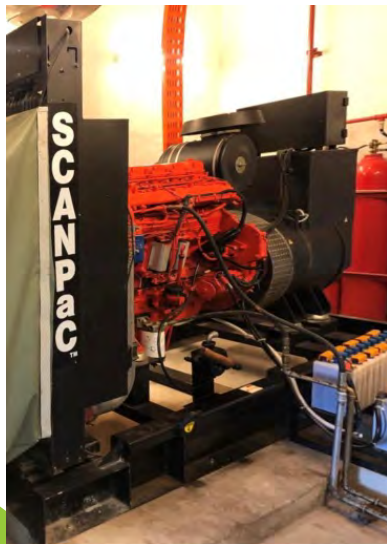
Our rental equipment's include Diesel Generators, Transformer, Diesel Storage Tank, Power Cables, Changeover Panel, Junction Board. These are sound attenuated, fuel-efficient, self-contained, fuel efficient, cost effective and designed to handle the requirements of hire applications regardless of industry, situation or location.





## SERVICE & MAINTENANCE

We offer maintenance for different type of generators. Our vast experience in the field of generators has provided us with the expertise of handling and repairing all kinds of Generators, with the help of our experienced and qualified technician, we are able to provide reliable, efficient and quick maintenance of different kinds of Diesel Generators.



### Objectives

- To ensure maximum availability and reliability of your engine/generator.
- To maintain maximum output/fuel economy.
- To reduce operation and maintenance cost.
- To avoid surprise breakdown by timely scheduled maintenance.
- To provide operation & maintenance guidelines to the operating personnel.
- To plan in advance for spare parts requirements.
- To enhance reliability.



## WORKSHOP & RENTAL YARD



**Our workshop is staffed with a team of dedicated professionals to attend to after sales needs.**

Our technicians are experienced in our product line and are able to maintain, repair and troubleshoot. Mobile service teams are available on short notices anywhere in Malaysia. Our established network of competent service dealer located throughout the country can attend to emergency service, minimizing downtime.





## TEST CELL & PDI AREA





## WORKSHOP & RENTAL YARD







# FABRICATION & ENGINEERING



LVD Cutting Machine



Punching Machine



LVD Bending Machine





# FABRICATION & ENGINEERING





# COMPETATIVE ADVANTAGE



## FACTORY LOAD TESTING

Our fleet of dummy load banks of up to 5,000 kWe enables us to conduct factory load testing to troubleshoot failure and accurately gauge a generator's performance. Sound test, transient test, temperature test and 0.8 PF load test are also available upon request.

## DESIGN & BUILD

It's safe to say, no one knows our products better than us. Leave it to us to design your genset room to ensure proper ventilation and positioning of genset at the lowest cost with zero sacrifice to quality.

Example BBB, KL project 190 sq ft





# COMPETITIVE ADVANTAGE



## TRAINING AND SEMINAR

Arrangements can be made whether it's a training at our workshop or a seminar at some other location at your convenience. We would gladly impart our knowledge to eager learners.

## PROJECT MANAGEMENT

From planning to executing, our project management team is capable of delivering on time, even under stress or harsh environment.







# CERTIFICATES



Telekom Malaysia



Kementerian Kewangan



Tenaga Nasional



Keretapi Tanah Melayu



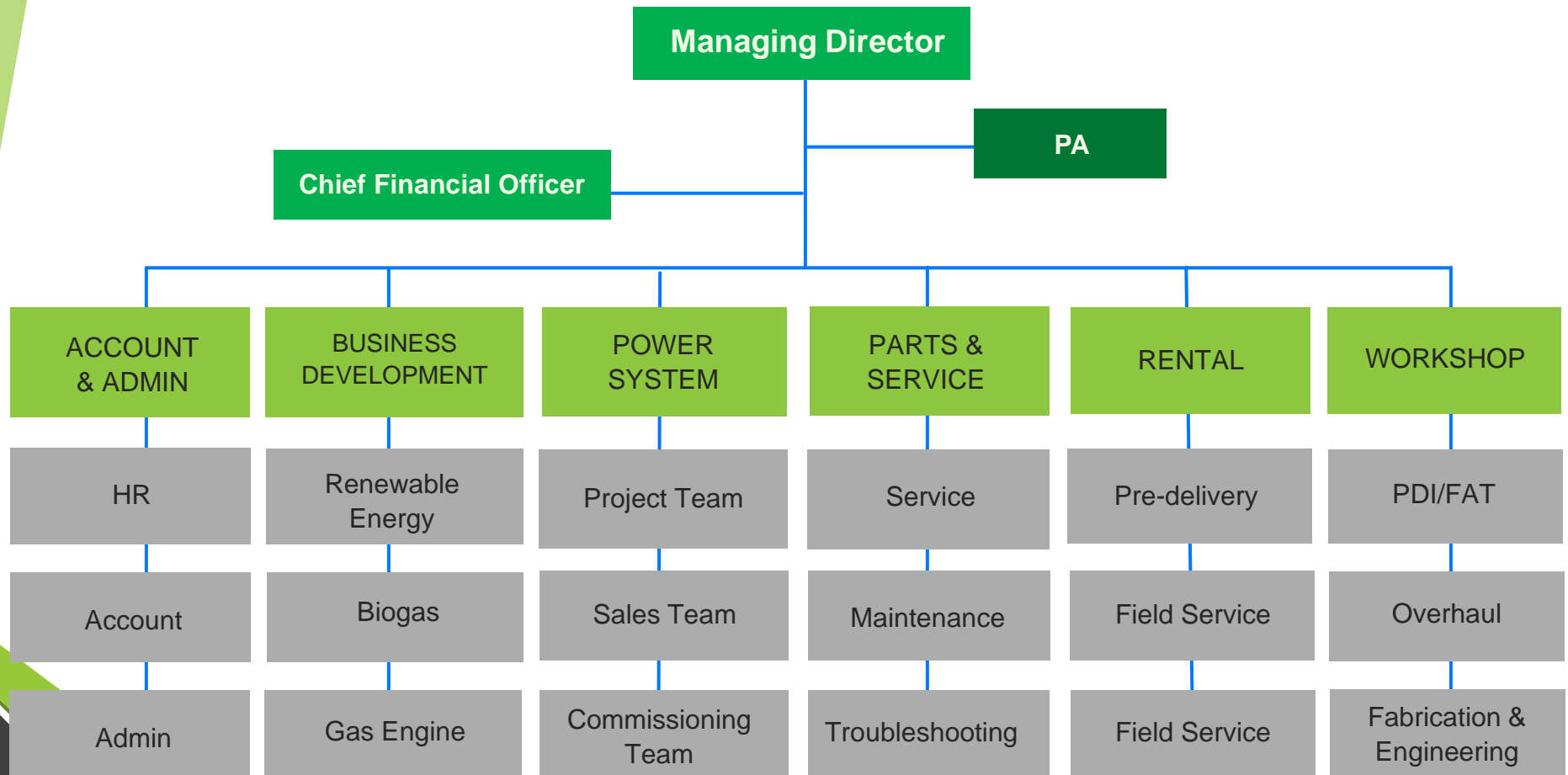
Felda



Jabatan Kerja Raya



## OUR ORGANIZATION CHART





## EXECUTIVE SUMMARY

- WELL ESTABLISHED OUR SCANPAC PRODUCT NAME IN THE GENERATOR MARKET.
- HOLDING GOOD AGENCY IN DEAWOO, SCANIA, VMAN AND SHENGDONG.
- ONE-STOP POWER SOLUTION PROVIDER SUCH AS TURNKEY DESIGN TO “TURN ON” OF PRIME OR ESSENTIAL POWER WITH GENERATORS, SWITCHGEAR, ACOUSTICS AND INSTALLATION.
- PROVISION OF RENTAL POWER EQUIPMENT SUCH AS GENERATORS, DUMMY LOAD BANKS THAT PROVIDES COMPANY A RECURRING BUSINESS.
- GOOD ENGINEERING, MANUFACTURING AND TESTING FACILITIES.
- STRONG ENGINEERING TECHNICAL AND SUPPORT TEAM.
- OWN BRANDING IN “SCANPaC” WITH EXPORT GROWTH POTENTIAL.
- EXPERIENCE MANAGEMENT AND TRAINED PERSONNEL WITH CORE COMPETENCE.
- BUSINESS WITH STRONG FIXED ASSET BASED BALANCE SHEET
- GROWTH MARKET OF RENEWABLE ENERGY, GAS GENERATOR , BIO GAS GENERATOR, AND BI FUEL GENERATOR.



## **POWERTRADE ENERGY SDN BHD**

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