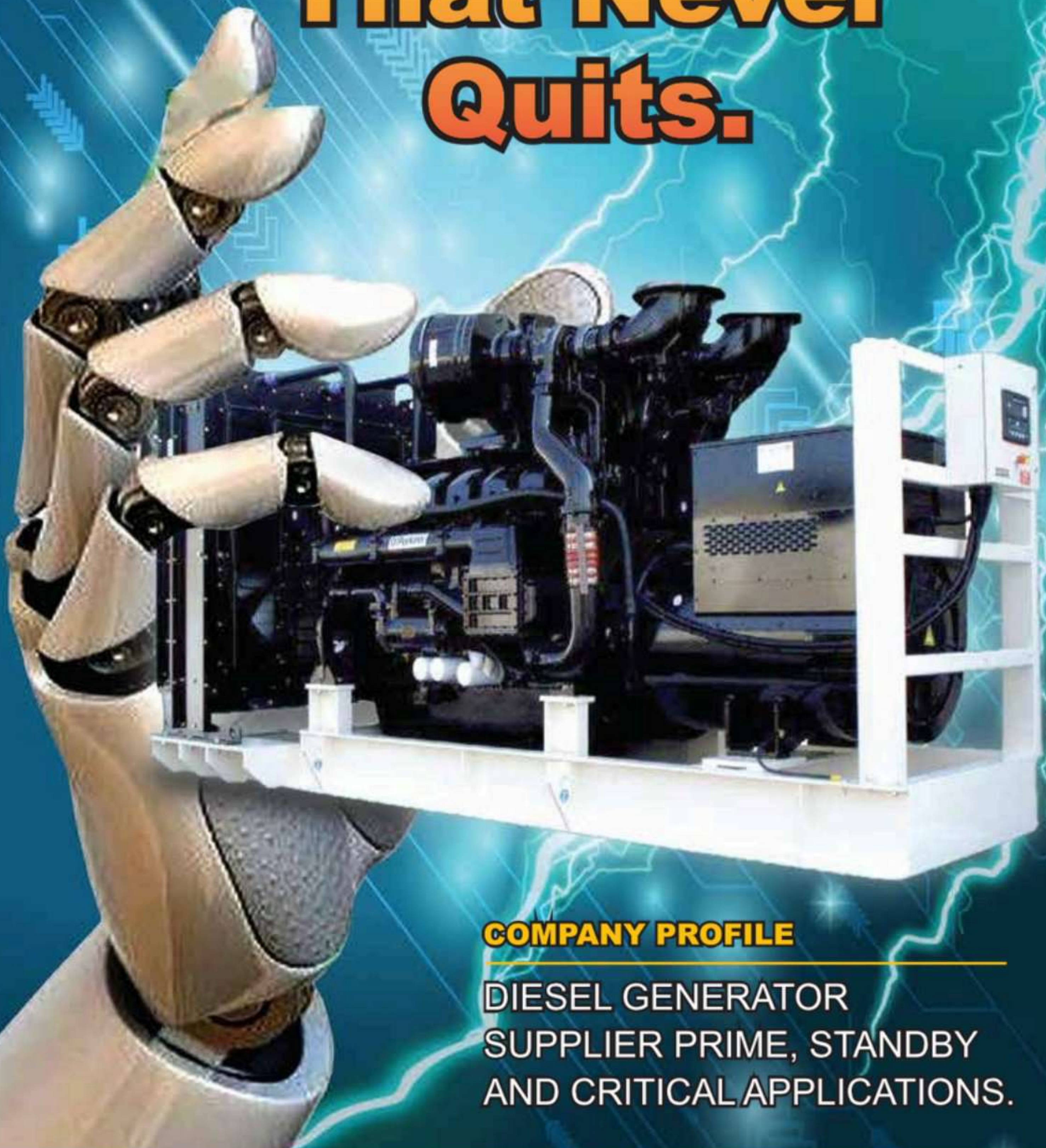


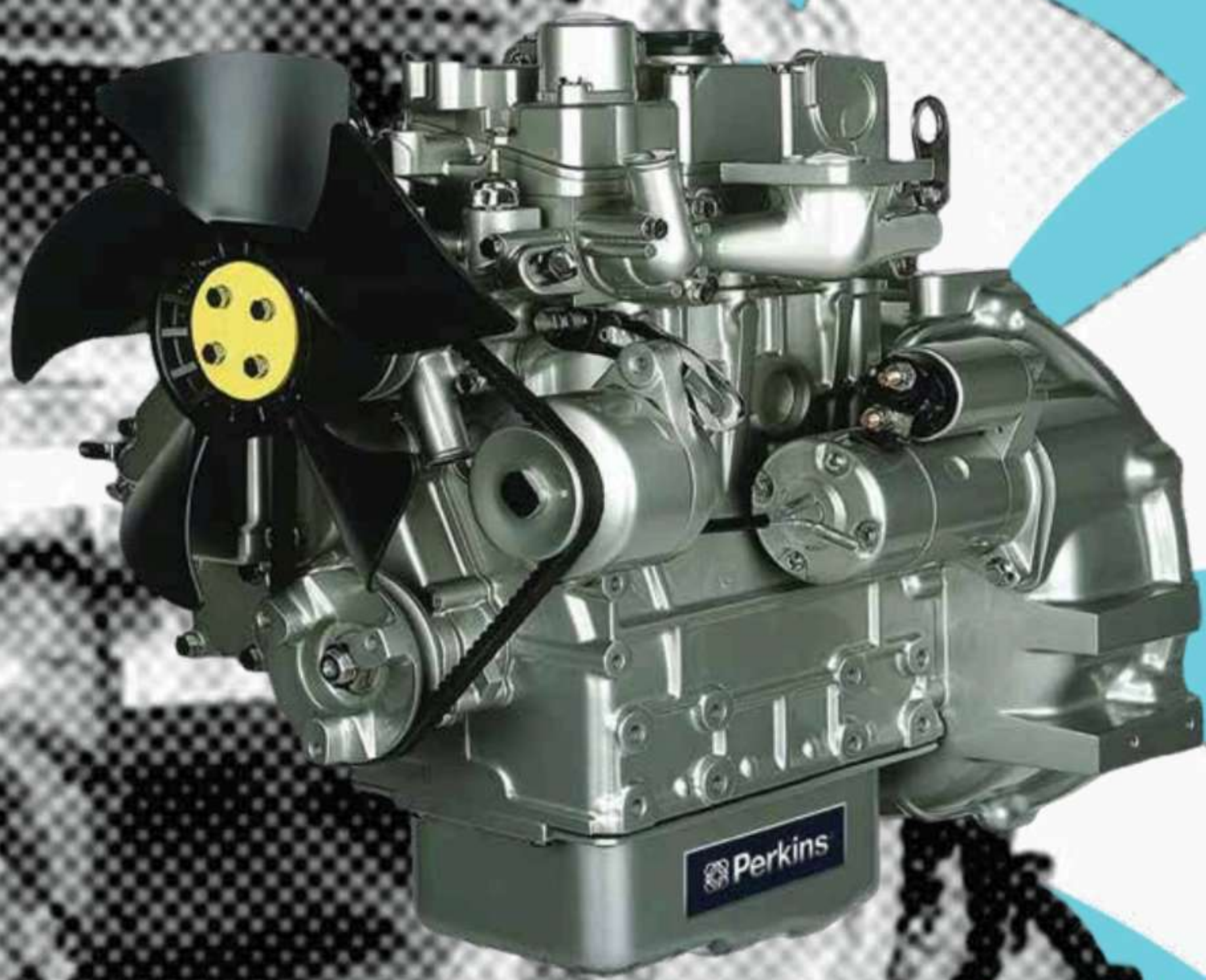


Power That Never Quits.



COMPANY PROFILE

DIESEL GENERATOR
SUPPLIER PRIME, STANDBY
AND CRITICAL APPLICATIONS.



We deliver, service and solutions
in exactly the way you want it

ABOUT: HM GENERATORS

The Division of HM GENERATORS, prides itself on being one of the leading companies in the Supply and Maintenance of Diesel power generators in Middle East and Africa. We consider ourselves as one of the best electric generators set provider by delivering the best product and service in the region.

We owe our success to our hardworking, highly skilled and committed employees. Our core focus lies in providing customized integrated products and services with well established infrastructure, equipment and manpower to support and provide the turn key solutions for various industries. We provide the latest in power generator technology equipment, allowing us to give our customers the best product and the best possible service. Our objective is to serve customers to the utmost by providing them with the best-in-class electric generators, reliable door to door delivery, and after sales service at competitive market prices. We continue to build our solid reputation for excellence and response, while delivering reliable and tailored solutions to meet the customer's requirements.

OUR VISION :

To be #1 supplier for Electric Power Generators focusing on Quality, Service, and 24/Hour support.

OUR MISSION :

We achieve this vision by:

1. Providing the best quality and range of products from leading manufacturers.
2. Servicing and Maintaining all equipment 7/24 by experienced technicians.
3. Delivering special flexible payment plans that cater to our customer needs



AREA OF EXPERTISE : EVERY SECTOR

We (HM generators) provides a wide array of products for personal or commercial use We provide our expertise in every sector for Prime, standby and critical applications.

We have hundreds of generators currently in service worldwide, providing reliable solutions to a wide range of sectors. Which includes,

1-Data centers and critical applications

Helping safeguard businesses and their customers, our generators are trusted to provide back up power in a wide range of critical applications - from data centers, hospitals and offices, through to power grids, health centers and universities

2. Telecoms

Helping keep the world connected, our generators provide power to telecoms towers and equipment in remote locations

3-Construction

We provide prime and standby energy to major construction projects helping keep workers safe and projects on track

4. Retail, property and commerce

Professional power tech. (PPT generators) help to provide reliable power in offices, complexes, shopping malls and prestigious property developments internationally.

5. Industrial

Our generator sets help to power the world's industry, from water treatment and chemical plants to drainage in deep and remote mines.

6. Hospitality

Our generators perform at fairs and festivals, rock concerts and operas, working quietly and reliably to ensure continuous power and uninterrupted enjoyment.

7-Remote Applications

Our generators provide mobile and temporary power in applications ranging from highway construction through to meeting the energy demands of remote communities or in areas with an unreliable energy grid.



PRODUCT PORTFOLIO : COMPLETE SOLUTION

HM Generators produces a wide range of generating sets with power outputs covering 10-3000 KVA, all power nodes are available at 50Hz or 60Hz and various voltage range

Our product range includes small generators for standby domestic use, up to complete power stations supplying electricity to national grids

- The ranges from 10-66 KVA offering you desirable power in a compact package to serve telecommunications, construction, residential and retail.
- The 33-275 KVA machines are generally used by construction, residential, agriculture, Industrial and commercial
- The gensets powered from 275-710 KVA are also used by industrial, construction, mining, commercial, events and utility
- The largest range of gensets from 715-3350 KVA are complex units used by data centers, healthcare, commercial, industrial, banking and power stations

Our models are split into five categories:

- 1-Open generators
- 2-Canopy generators
- 3-Container generators
- 4-Mobil generator sets
- 5-Tower lights



PRODUCT PORTFOLIO

HM GENERATOR SETS

A generator is a device that converts thermal energy into mechanical energy and then into electricity. In general, it consists of a motor and alternator coupled and mounted on a common base together with batteries, fuel tank, control panel and muffler.



Standard Equipment:

Engine:

In HM generator sets, leading engine brands that have state of the art technology and have compliance with ISO 8528, ISO 3046, BS 551 4, DIN 6271 standards, are being used. These engines with low fuel consumption, provide accurate speed setting and order, mount to the fuel pump, also have mechanic or electronic type governors.

 **Perkins®**

Diesel Power

**VOLVO
PENTA**

 **Power
Generation**

Alternator:

In products HM generator produced, leading alternator brands of the world that have state of the art technology, high quality productivity and durability, are being used. All alternators, which pass necessary test process and found appropriate according to EC 60034-1; CEI EN 60034-1; BS 4999-5000; VDE 0530, NF 51 - 100,1 11, OVE M-1.0, NEMA MG 1.22. standards, have bearing system that does not need maintenance, with electronic type voltage regulator providing voltage setting.

STAMFORD

power generation

LEROY-SOMER™

meccalte



PRODUCT PORTFOLIO

HM GENERATOR SETS

Chassis:

Chassis is manufactured from steel that has features and durability for carrying burden of generator set. Thanks to its rigid structural design and anti-vibration mounts, it reduces vibration level to minimum. All chassis contain lifting lugs. Apart from chassis that are produced by HM, special solutions that design in accordance with customer desires, make transportation and positioning easier

Control Panel

Standard control panel, that is used in HM generator sets, ensures comfortable and safe usage. All measured and statistical parameters, operating modes, notice and alarms and condition of generator, are monitored easily from the control panel. On the front of the panel's metal body has electronic control module and the emergency stop button and the panel's metal body is made of steel sheet and is painted with electrostatic powder paint. HM offers panel design and solutions that comply with special requirements of customers as well as quality standard panels

Fuel Tank:

In less than 800 kVA power generator sets, fuel tank is produced integrated to the chassis. In more than 800 kVA power generator sets, rectangular type fuel tank is provided with generator set separately if required by customer. In all types of fuel tank have its level and indicator

Canopy:

HM Standard Canopies' default features are as follows

- 2 or 4 points transport possibility according to canopy size
- Hidden exhaust inside the canopy
- Emergency stop button located on the canopy
- Improved air suction channel to ensure proper cooling in the canopy
- Radiator air outlet and exhaust with designed towards above
- Lid on cab that provides to be filled up water easily to the radiator
- Amplified paint system against corrosion and rust
- Improved performance in terms of sound insulation
- Demounted parts that make transportation and maintenance easier



PRODUCT PORTFOLIO

HM SWITCH GEAR

Automatic Transfer Switch (ATS Panel)

The Automatic Transfer Switch makes the switching between the main sources (usually the network) and the secondary source (usually the generator), if the main source fails. The Automatic Transfer Switch is automatically operated and is also used to interconnect power gensets operating in alternation. We recommend installing the Automatic Transfer Switch when the power genset operates in an emergency mode.



Synchronization Panels:

Synchronization Switchgear Panel also referred to as Paralleling Switchgear provides a means to synchronize and parallel multiple generators of same or different sizes make on a common bus. Reliability, Redundancy, Flexibility, Maintainability, Economy are some of the advantages of Synchronization Switchgear



PRODUCT PORTFOLIO

HM SPARE PARTS

After Sales Service:

Putting the Customer First – A Commitment to World-Class Service and Support

In everything we do, our focus is on putting the customer first. Wherever you are, we are on hand with the right parts, the best advice, the most advanced diagnostics and the fastest response – all designed to minimize machine downtime.

Keeping your machines running is the number one priority for us. We are able to respond quickly to every need.



First choice
for parts and service

Genuine Spare parts:

When you need parts and service, our Team has instant access to everything it needs to support your generator.

Easily available through our team, many with next day delivery – key parts include:

- Diesel Engine Oil
- Coolant
- Oil filters
- Fuel filters
- Cooling systems (radiators, pumps, fan systems, air filters, thermostats and fuel conditioners)
- Fuel injection
- Turbochargers
- starter motors and alternators
- Seals



PRODUCT PORTFOLIO

HM GENERATOR SELECTION CHART

| Model | PRIME | | STANDBY | | ENGINE | ALTERNATOR | | |
|----------|-------|------|---------|------|----------------|-------------|-----------|---------------|
| | KVA | KW | KVA | KW | | Leroy Somer | Voltaggio | Meccalte |
| PPT10 | 9 | 7.2 | 9.9 | 8 | 403A-11G1 | TAL-040-C | V164B | ECP3-2S/4A |
| PPT15 | 15 | 12 | 17 | 13 | 403A-15G2 | TAL-040-E | V164D | ECP3-3L/4A |
| PPT20 | 20 | 16 | 22.3 | 18 | 404A-22G1 | TAL-040-F | V184E | ECP28-M/4A |
| PPT30 | 30 | 24 | 33 | 26 | 1103A-33G | TAL-042-C | V184G | ECP32-2S/4B |
| PPT45 | 45 | 36 | 49.6 | 40 | 1103A-33TG1 | TAL-042-F | V224D | ECP32-1M/4B |
| PPT60 | 60 | 48 | 66 | 53 | 1103A-33TG2 | TAL-042-H | V224E | ECP32-2M/4B |
| PPT80 | 80 | 64 | 88 | 70 | 1104A-44TG2 | TAL-044-C | V224G | ECP34-2S/4A |
| PPT100 | 100 | 80 | 111.9 | 88 | 1104C-44TAG2 | TAL-044-D | V274C | ECP34-2S/4A |
| PPT135 | 135 | 108 | 150 | 120 | 1106A-70TG1 | TAL-044-H | V274E | ECP34-2L/4A |
| PPT150 | 150 | 120 | 165 | 132 | 1106A-70TAG2 | TAL-044-J | V274F | ECP34-3L/4A |
| PPT180 | 180 | 144 | 200 | 160 | 1106A-70TAG3 | TAL-046-A | V274F | ECO38-2S/4A |
| PPT 200 | 200 | 160 | 220 | 175 | 1106A-70TAG4 | TAL-046-B | V274G | ECO38-2S/4A |
| PPT 230 | 230 | 184 | 250 | 200 | 1506A-E88TAG2 | TAL-A46-C | V274H | ECO38-1L/4A |
| PPT 250 | 250 | 200 | 275 | 220 | 1506A-E88TAG3 | TAL-A46-D | V274J | ECO38-2L/4A |
| PPT 300 | 300 | 240 | 330 | 264 | 1506A-E88TAG5 | TAL-A46-F | V274K | ECO38-3L/4A |
| PPT 350 | 350 | 280 | 400 | 320 | 2206C-E13TAG2 | TAL-A46-H | V314E | ECO38-3L4A |
| PPT 400 | 400 | 320 | 450 | 360 | 2206C-E13TAG3 | TAL-A47-A | V314F | ECO40-1S/4A |
| PPT 450 | 450 | 360 | 500 | 396 | 2506C-E15TAG1 | TAL-A47-B | V314G | ECO40-2S/4A |
| PPT 500 | 500 | 400 | 550 | 440 | 2506C-E15TAG2 | TAL-A47-C | V354C | ECO40-3S/4A |
| PPT 600 | 600 | 480 | 650 | 528 | 2806C-E18TAG1A | TAL-A47-E | | ECO40-1.5L/4A |
| PPT 650 | 650 | 520 | 700 | 560 | 2806A-E18TAG2 | TAL-A47-F | | ECO40-2L/4A |
| PPT 750 | 750 | 600 | 825 | 660 | 4006-23TAG2A | TAL-A49-C | | ECO40-VL/4A |
| PPT 800 | 800 | 640 | 900 | 720 | 4006-23TAG3A | TAL-A49-C | | ECO43-1S/4A |
| PPT 900 | 900 | 720 | 1002 | 800 | 4008TAG1A | TAL-A49-D | | ECO43-2S/4A |
| PPT 1000 | 1000 | 800 | 1097 | 880 | 4008TAG2 | TAL-A49-E | | ECO43-2M/4A |
| PPT 1250 | 1250 | 1000 | 1385 | 1100 | 4012-46TWG2A | LSA50.2M | | ECO43-2L/4A |
| PPT 1500 | 1500 | 1200 | 1656 | 1320 | 4012-46TAG2A | LSA50.2L8 | | ECO4&-1S/4A |
| PPT 1700 | 1700 | 1350 | 1880 | 1485 | 4012-46TAG3A | LSA52.3S5 | | |
| PPT 1850 | 1850 | 1480 | 2028 | 1600 | 4016TAG1A | LSA52.3S5 | | |
| PPT 2000 | 2000 | 1600 | 2263 | 1800 | 4016TAG2A | LSA52.3S6 | | |
| PPT 2250 | 2250 | 1800 | 2500 | 2000 | 4016-61TRG3 | LSA52.3L9 | | |



PRODUCT PORTFOLIO

HM GENERATOR SELECTION CHART

| FUEL Con (L/HR) | | | Open Generator | | | | Silent Generator | | | |
|-----------------|-------|------|----------------|-------|--------|--------|------------------|------|------|--------|
| 75% | PRIME | SBY | Length | Width | Height | Weight | Lengt | Widt | Heig | Weight |
| | 100% | 110% | (MM) | (MM) | (MM) | (Kg) | (MM) | (MM) | (MM) | (Kg) |
| 2.3 | 3 | 3.6 | 1200 | 750 | 1100 | 350 | 2000 | 900 | 1180 | 690 |
| TBA | 5 | 6 | 1200 | 750 | 1100 | 430 | 2000 | 900 | 1180 | 810 |
| 4 | 5.3 | 6.1 | 1300 | 750 | 1250 | 500 | 2150 | 950 | 1280 | 790 |
| 5.6 | 7.2 | 8.1 | 1500 | 800 | 1250 | 700 | 2300 | 950 | 1260 | 1140 |
| 8.2 | 10.8 | 11.7 | 1500 | 800 | 1200 | 700 | 2500 | 950 | 1260 | 1180 |
| 10.8 | 14.6 | 15.9 | 1700 | 800 | 1250 | 890 | 2500 | 950 | 1260 | 1300 |
| 14 | 18.7 | 20.5 | 1900 | 900 | 1320 | 1010 | 2800 | 1100 | 1370 | 1570 |
| 17.1 | 22.6 | 24.9 | 1900 | 900 | 1320 | 1060 | 2800 | 1100 | 1370 | 1700 |
| 22.7 | 30.28 | 33.8 | 2350 | 950 | 1520 | 1480 | 3200 | 1100 | 1470 | 2070 |
| 24.7 | 33.4 | 36.1 | 2350 | 950 | 1520 | 1580 | 3200 | 1100 | 1800 | 2180 |
| 31.8 | 41.6 | 44.6 | 2350 | 950 | 1520 | 1580 | 3200 | 1100 | 1800 | 2340 |
| 34.7 | 45.8 | 49.4 | 2450 | 950 | 1570 | 1700 | 3200 | 1100 | 1800 | 2420 |
| 35.7 | 48.6 | 51.5 | 2700 | 1100 | 1850 | 2290 | 3800 | 1300 | 1900 | 3190 |
| 42 | 56 | 61 | 2700 | 1100 | 1850 | 2300 | 3800 | 1300 | 1900 | 3200 |
| 48 | 65 | 73 | 2900 | 1150 | 1850 | 2680 | 3800 | 1400 | 2100 | 3620 |
| 58 | 75 | 82 | 3300 | 1150 | 2100 | 3240 | 4200 | 1500 | 2200 | 4410 |
| 65 | 85 | 93 | 3300 | 1150 | 2100 | 3290 | 4200 | 1500 | 2200 | 4620 |
| 73 | 99 | 109 | 3500 | 1250 | 2120 | 3800 | 4800 | 1700 | 2305 | 5150 |
| 81 | 106 | 114 | 3500 | 1250 | 2120 | 3840 | 4800 | 1700 | 2305 | 5770 |
| 96 | 129 | 134 | 3500 | 1250 | 2120 | 3940 | 4800 | 2000 | 2430 | 6210 |
| 97 | 132 | 143 | 3500 | 1250 | 2120 | 4150 | 4800 | 2000 | 2430 | 6240 |
| 121 | 157 | 173 | 4100 | 1750 | 2310 | 4750 | 5800 | 2150 | 2545 | 8015 |
| 130 | 172 | 194 | 4100 | 1750 | 2210 | 4800 | 5800 | 2150 | 2545 | 8500 |
| 143 | 195 | 218 | 4700 | 2050 | 2300 | 7590 | 6058 | 2438 | 2591 | 12590 |
| 162 | 224 | 249 | 4700 | 2050 | 2300 | 7611 | 6058 | 2438 | 2591 | 12611 |
| 196 | 259 | 288 | 5100 | 2220 | 2300 | 9154 | 1219 | 2438 | 2896 | 19154 |
| 234 | 310 | 341 | 5100 | 2220 | 2350 | 11580 | 1219 | 2438 | 2896 | 21580 |
| 275 | 370 | 405 | 5100 | 2220 | 2400 | 11580 | 1219 | 2438 | 2896 | 21580 |
| 277 | 383 | 424 | 6600 | 2250 | 2750 | 16500 | 1219 | 2438 | 2896 | 26500 |
| 316 | 434 | 483 | 6600 | 2250 | 2750 | 16500 | 1219 | 2438 | 2896 | 26500 |
| 344 | 470 | 529 | 6900 | 2250 | 2750 | 17500 | 1219 | 2438 | 2896 | 27500 |





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