



Company Profile

Power That Never Quits.
DIESEL GENERATOR
SUPPLIER PRIME, STANDBY
AND CRITICAL APPLICATIONS.



RELIABLE
POWER



BUILT TO
PERFORM



ENGINEERED
EXCELLENCE



24/7
SUPPORT



PREMIUM QUALITY
Built with world-class
components for
maximum reliability.



FUEL EFFICIENT
Optimized performance
for lower fuel consumption
and operating cost.



GLOBAL SUPPORT
Dedicated after-sales
support whenever
you need it.

INNOVATE TODAY. POWER TOMORROW.



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.



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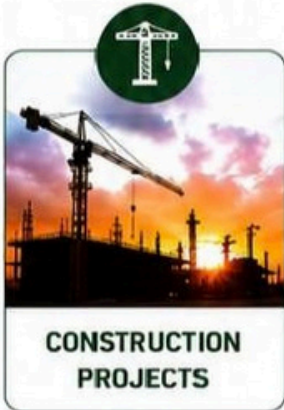


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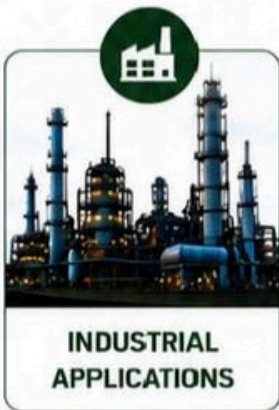
AREA OF EXPERTISE : EVERY SECTOR

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.

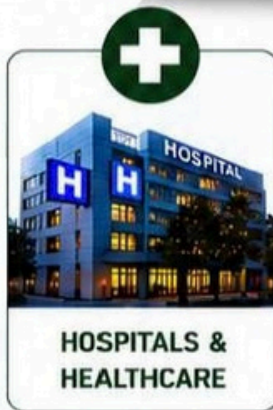
We have hundreds of generators currently in service worldwide, providing reliable solutions to a wide range of sectors. Which includes,



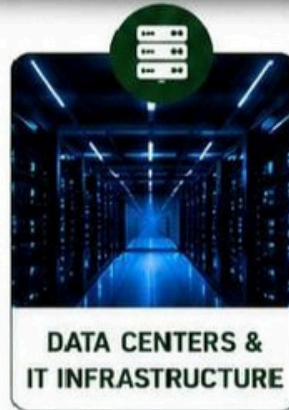
**CONSTRUCTION
PROJECTS**



**INDUSTRIAL
APPLICATIONS**



**HOSPITALS &
HEALTHCARE**



**DATA CENTERS &
IT INFRASTRUCTURE**



**COMMERCIAL &
RESIDENTIAL**

AREA OF EXPERTISE : EVERY SECTOR



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



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.



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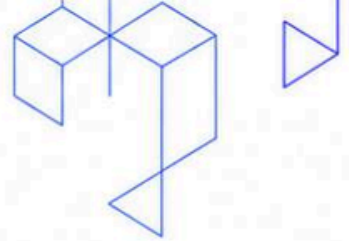


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PRODUCT PORTFOLIO: COMPLETE SOLUTION



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 Mobile generator sets
- 5 Tower lights



1 OPEN GENERATORS



2 CANOPY GENERATORS



3 CONTAINER GENERATORS



4 MOBILE GENERATOR SETS



5 TOWER LIGHTS



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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.

→ OUR TRUSTED GLOBAL PARTNERS

Perkins
Diesel Power

STAMFORD
power generation
LEROY-SOMER

VOLVO
PENTA

meccalte

Cummins
Power
Generation

→ STANDARD EQUIPMENT:

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; CE EN 60034-1, BS 4999-5000; VDE0530, NF 51 -1001, 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.

ENGINE:



In HM generator sets, leading engine brands that have state of the art technology and have compliance with ISO 8528, ISO 3046, BS 5514, DIN 6271 standards, are being used. These engines with low fuel consumptions, provide accurate power sovereignty and optimum service life spans, also have economical and ecologically engine options.



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PRODUCT PORTFOLIO

HM GENERATOR SETS



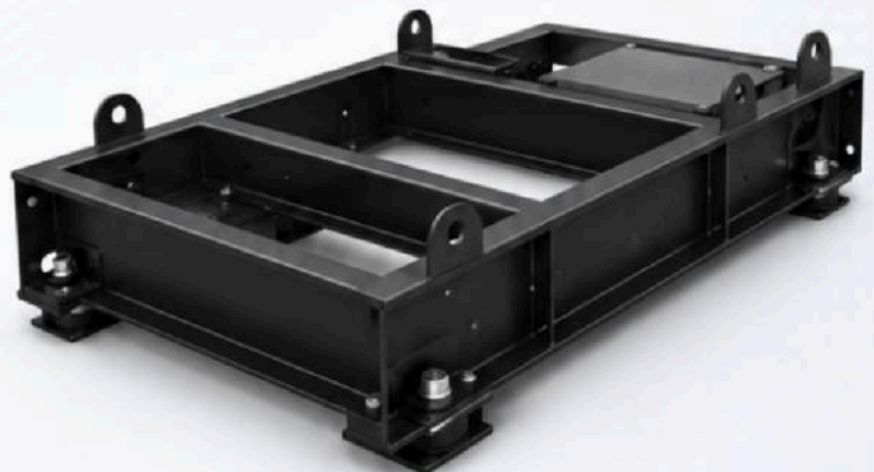
CONTROL PANEL

Standard control panel, that is used in HM generator sets, ensures comfortable and safe usage. All measured and statistical parameters, operating modes, notices 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.



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 produce by HM, special solutions that design in accordance with customer desires, make transportation and positioning easier.



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PRODUCT PORTFOLIO

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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 that radiator
- Amplified paint system against corrosion and rust
- Improved performance in terms of sound insulation
- Dismounted parts that make transportation and maintenance easier



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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, 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.



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PRODUCT PORTFOLIO

HM SPARE PARTS



AFTER SALES SERVICES

Truth is the cornerstone of trust - 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 right services, the right advice and all the technical resources to deliver reliable solutions, minimize machine downtime. Keeping your machines running is the number one priority for us, we are able to respond quickly.



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 teams, many with next day delivery – key parts include:

- Diesel Engine Oil
- Oil Filters
- Coolant & Coolant Additives
- Fuel Filters
- Fuel Injection
- Starter motors and alternators
- Coolants
- Fuel Filters
- Hoses, clamps
- Turbochargers
- Seals, Gaskets
- Batteries



DIESEL ENGINES



ALTERNATORS



TURBOCHARGERS



CONTROL MODULES



CIRCUIT BREAKERS



FILTERS



OILS & COOLANTS



BELTS & TENSIONERS



BATTERIES



GASKETS & SEALS



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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	ECP3-25/4A
PPT15	15	12	17	13	403A-15G2	TAL-040-E	V164D	ECP3-3L/4A
PPT20	20	16	22.3	18	403A-42G1	TAL-040-F	V184E	ECP28-M/4A
PPT30	30	24	33	36	1103A-33G	TAL-042-C	V184G	ECP32-25/4B
PPT45	45	36	49.5	40	1103A-33TG1	TAL-042-F	V224D	ECP32-1M/4B
PPT60	60	48	66	53	1103A-33TG2	TAL-042-H	V224G	ECP32-2M/4B
PPT80	60	64	88	70	1104A-44TG2	TAL-044-C	V224G	ECP34-25/4A
PPT150	100	80	111.9	90	1104C-44TAG2	TAL-044-D	V274G	ECP34-25/4A
PPT135	135	108	150	120	1106A-70TG1	TAL-044-H	V274F	ECP34-3L/4A
PPT150	150	120	165	132	1106A-70TAG3	TAL-044-J	V274F	ECP34-3L/4A
PPT180	180	144	200	160	1106A-70TAG3	TAL-046-A	V274F	ECO38-25/4A
PPT 200	200	160	220	175	1106A-70TAG4	TAL-046-B	V274G	ECO38-25/4A
PPT 230	230	184	250	200	1506A-E88TAG2	TAL-A46-C	V274H	ECO38-1L/4A
PPT 230	250	200	275	220	1506A-E88TAG3	TAL-A46-D	V274K	ECO38-2L/4A
PPT 300	300	240	330	264	1506A-E88TAG3	TAL-A46-F	V274K	ECO38-3L/4A
PPT 350	350	280	400	320	2206C-E13TAG2	TAL-A46-H	V314E	ECO38-3L/4A
PPT 400	400	320	450	360	2206C-E13TAG3	TAL-A47-A	V314F	ECO40-1S/4A
PPT 450	450	400	550	396	2506E-E15TAG1	TAL-A47-B	V354G	ECO40-3S/4A
PPT 500	500	480	550	440	2506C-E15TAG2	TAL-A47-C	V354C	ECO40-3S/4A
PPT 650	650	480	650	560	2806E-E18TAG1A	TAL-A47-E	V354E	ECO40-1.5L/4A
PPT 750	750	600	825	560	2806A-E18TAG2	TAL-A47-F	V354C	ECO40-2L/4A
PPT 800	800	640	900	720	4006-23TAG2A	TAL-A49-C	—	ECO43-VL/4A
PPT 900	900	720	1002	800	4006-23TAG3A	TAL-A49-C	—	ECO43-1S/4A
PPT 1000	1000	800	1097	980	4008TAG1A	TAL-A49-D	—	ECO43-2S/4A
PPT 1250	1250	1000	1385	1180	4008TAG2	TAL-A49-E	—	ECO43-2M/4A
PPT 1850	1500	1200	1858	1320	4012-46TWG2A	LSA50.3M	—	ECO43-2L/4A
PPT 1700	1700	1350	1880	1485	4012-46TAG2A	LSA50.2L8	—	ECO48-1S/4A
PPT 1850	1850	1480	2283	1600	4012-46TAG3A	LSA52.355	—	—
PPT 2000	2000	1600	2263	1800	4016TAG1A	LSA52.355	—	—
PPT 2300	2000	1600	2263	1800	4016TAG2A	LSA52.356	—	—
PPT 2250	2250	1800	2500	2000	4016-61TRG3	LSA52.3L9	—	—



PRODUCT PORTFOLIO

HM GENERATOR SELECTION CHART

FUEL CONSUMPTION (L/HR)			OPEN GENERATOR				SILENT GENERATOR			
75% PRIME	100% PRIME	SBY 110%	Length (MM)	Width (MM)	Height (MM)	Weight (KG)	Length (MM)	Width (MM)	Height (MM)	Weight (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	1200	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	1250	700	2500	950	1260	1180
10.8	14.8	15.9	1700	800	1250	890	2500	950	1260	1180
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	20.28	33.8	2350	950	1320	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	1570	1580	3200	1100	1800	2240
35.7	45.6	51.4	2700	950	1570	2290	3200	1100	1800	3190
35.7	48.6	51.5	2700	1100	1850	2230	3800	1300	1900	3190
42	56	61	2700	1100	1850	2300	3900	1400	1900	3620
48	65	72	2900	1150	1850	2680	4200	1500	2100	3620
58	75	82	3300	1150	2100	3240	4200	1500	2200	4620
65	85	93	3300	1150	2100	3290	4800	1700	2305	6550
73	99	109	3500	1250	2120	3800	4800	1700	2305	5770
81	106	114	3500	1250	2120	3840	4800	2000	2430	6210
96	129	134	3500	1250	2120	4150	4800	2000	2430	6240
97	132	143	4700	1750	2310	4750	5800	2150	2545	8515
121	177	173	4700	2050	2310	4800	5800	2458	2545	8500
130	172	194	4700	2050	2300	7590	6058	2438	2591	12590
143	195	249	4700	2050	2300	7611	6058	2438	2591	12611
162	224	249	5100	2220	2300	9154	1219	2438	2896	19154
166	259	288	5100	2220	2350	11580	1219	2438	2896	21580
234	370	341	6600	2250	2750	11580	1219	2438	2896	26500
275	370	425	6600	2250	2750	16500	1219	2438	2896	26500
377	434	483	6600	2250	2750	16500	1219	2438	2896	26500
316	434	483	6600	2250	2750	16500	1219	2438	2896	26500
344	4.70	5.29	6900	2250	2750	17500	1219	2438	2896	26500



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THANK YOU



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