



FEATURES & BENEFITS

SPECIFICATIONS	MG 6000 SY	MG 6000 SSY	MGK 8000	MGK 10000	MGK 15000	MG 15000 SSY	MG 20 SSY	MG30 IPSM	MG 50 IPSM
PERFORMANCE									
SYNCHRONOUS GENERATOR	SYNCHRONOUS	SYNCHRONOUS	SYNCHRONOUS	SYNCHRONOUS	SYNCHRONOUS	ASYNCHRONOUS	ASYNCHRONOUS	ASYNCHRONOUS	ASYNCHRONOUS
THREE PHASE POWER - 400v	n/a	n/a	n/a	n/a	n/a	n/a	20 kVA	30 kVA	50 kVA
SINGLE PHASE POWER - 230v	6 kVA	6 kVA	8 kVA	10 kVA	15 kVA	15 kVA	15 kVA	20 kVA	30 kVA
SINGLE PHASE POWER - 110v	6 kVA	6 kVA	8 kVA	10 kVA	15 kVA	15 kVA	15 kVA	12 kVA	15 kVA
FREQUENCY (Hz)	50	50	50	50	50	50	50	50	50
COSFI	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
INSULATION CLASS	F	F	F	F	F	H	H	F	F
MECHANICAL PROTECTION	IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23
ENGINE									
Make	YANMAR	YANMAR	KUBOTA	KUBOTA	KUBOTA	YANMAR	YANMAR	PERKINS	PERKINS
TYPE	L100AE	L100AE	D722	D722	D1105-E	4TNV-88	4TNV-88	1103A-33G1	1103A-33TG1
NUMBER OF CYLINDERS	1	1	3	3	3	4	4	3	3
DISPLACEMENT CC	406	406	719	719	1123	2190	2190	3300	3300
POWER (HP)	10	10	17	17	24.6	24	24	41.3	62
ENGINE SPEED (rpm)	3000	3000	3000	3000	3000	1500	1500	1500	1500
COOLING SYSTEM	AIR	AIR	WATER	WATER	WATER	WATER	WATER	WATER	WATER
FUEL	DIESEL	DIESEL	DIESEL	DIESEL	DIESEL	DIESEL	DIESEL	DIESEL	DIESEL
FUEL TANK CAPACITY LTRS	10.5	30	30	30	47	67	67	74	74
FUEL CONSUMPTION PER HOUR	1.7	1.7	2.2	2.9	4.9	4.4	4.4	7.5	8.2
AVERAGE OPERATING PER HOUR	6.5	20	14	11	10	15	15	10	9
STARTING SYSTEM	ELECTRIC	ELECTRIC	ELECTRIC	ELECTRIC	ELECTRIC	ELECTRIC	ELECTRIC	ELECTRIC	ELECTRIC
BATTERY CAPACITY	12V 43AH	12V 43AH	12V 43AH	12V 43AH	12V 43AH	12V 43AH	12V 43AH	12V 43AH	12V 43AH
ACOUSTIC POWER	97 LWA	92 LWA	92 LWA	92 LWA	94 LWA	93 LWA	93 LWA	96 LWA	96 LWA
DBA AT 7 METRES	72	67	67	67	69	68	68	71	71
DIMENSIONS									
WEIGHT (DRY)	150	230	300	300	410	754	754	1076	1140
DIMENSIONS WITHOUT UNDERGEAR (L x W x H)	815 x 560 x 730	1050 x 630 x 775	1050 x 630 x 775	1050 x 630 x 775	1590 x 730 x 920	1830 x 730 x 1030	1830 x 730 x 1030	2000 x 900 x 1200	2000 x 900 x 1200

Parts & Service

GenSet parts and service packages offer our customers genuine parts replacement direct from the manufacturer, and an instant response from our service engineers that guarantees customers peace of mind.

All parts programmes offer a full one year parts and labour warranty, subsequently GenSet offer customers complete support throughout the generator's lifetime.

GenSet engineers are highly trained to offer machine inspections and repairs, service agreements and product/service training.

The GenSet aftersales policy provides a comprehensive package of support during the machine's working life, our aim being to minimise downtime and maximise the revenue potential of the machine.



FEATURES

- Brushless Alternator
- Smooth wave form
- Low oil pressure shut down with warning light
- Failure of battery charging system shut down with warning light
- High temperature shut down warning light
- Powder coated paint finish
- Electric start
- Hourmeter
- Compact design
- Voltmeter
- Central Lifting Eye
- Fuel Gauge
- Base mounted fuel tanks
- Vibration Free
- Voltage changeover switch (up to 15 kva)
- Circuit breaker protection on 110V - power outlet
- E.L.C.B Protection on 240 V
- Thermal Over load protection
- Owners technical manual and parts book

BENEFITS

- No maintenance
- Suitable for powering sensitive equipment
- Reducing risk of engine seizure
- Reduces risk of flat battery
- Reduces engine over heating
- Hard wearing
- Easy to use
- Regulating service
- Highly portable
- Gives accurate output voltage reading
- Allows ease of movement
- Allows you to identify fuel level
- Easy to refill
- Suitable for Tower Light mounting
- Maximizes output
- Reduces the risk of short circuit & injury
- Reduces the risk of injury to earth fault
- Reduces risk of stator failures
- Instructions, best use & maintenance

OPTIONAL EXTRAS (available as retro fitting)

FUEL ACTIVE™ Investment in Reliability

Eliminating fuel contaminants being drawn into your fuel system

UP TO 80% OF BREAKDOWNS ON ENGINE DRIVEN EQUIPMENT RESULT FROM FUEL CONTAMINATION

Fuel contamination occurs either

- a) naturally by build up of condensation in empty fuel tank
- b) dirty fuel being put into the tank due to contamination containers being used

Water is heavier than diesel so it sinks to the bottom of the fuel tank. Traditional fuel pick up pipes, pick up fuel from the bottom of the tank which is contaminated.

The **Fuel Active System** uses a float which means that fuel is picked up from the top.

OPERATIONAL BENEFITS

- Less time spent by workshop/customer support team on breakdowns.
- More time spent on other repairs
- Quicker turnaround of equipment and more machines available to hire
- Better utilisation of equipment

CUSTOMER BENEFITS

- More satisfied customers
- Avoids difficult conversations where it is hard to prove who contaminated the fuel (often the hire company will end up taking the hit on the chin as contractor will claim some of contamination relates to previous hires)

Financial benefits Cost of breakdowns

The cost of standard breakdown could be estimated as follows:

Distance to and from 80 miles @ 50ppm	£40
Travelling time - 2hrs @ £40ph	£80
Time spent effecting repair - 2 hrs @ £40ph	£80
Parts used (eg filters)	£30

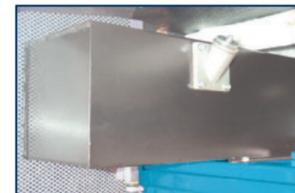
Overall cost (exc admin costs) £230

This assumes more serious damage is not more serious (eg repairs to injectors and fuel pumps: avg. £600)

ENVIRONMENTAL BENEFITS

Fuel efficiency saving reduces carbon emissions. Less site visits in response to breakdowns means less journeys and lower emissions.

- Exclusive to GenSet
- Patented Fuel Active system

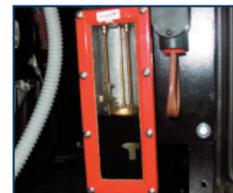


FEATURE

Low Oil Level Makeup System.

BENEFIT

Allows for extended unmanned operation, which reduces transport and engineering costs at site.



FEATURE

Low Oil Level Engine Shutdown System.

BENEFIT

Protects engine from running out of oil and causing engine failure.

FEATURE

PURADYN OIL BYPASS FILTER

By removing all contaminants, filtered oil is then treated to further remove by evaporation all fuel and water. Clean oil is then returned to the sump.

BENEFIT

- A. Reduces engine wear
- B. Reduces oil purchases up to 90%
- C. Reduces oil related maintenance up to 90% - extending service intervals up to 1000 hours
- D. Cooler running engines and equipment
- E. Increased engine efficiency



Other Products from GenSet

- Super silenced engine driven welders 30 to 600 amps
- Standard and special Vehicle mount type generators for Accommodation Welfare units
- Lightweight Generators to 200 kVA
- Standard and Bespoke Power products and systems for Rail, Military, Domestic and Leisure, Telecommunications and IT, Industrial, Oil and Gas, Water and sewage, Marine, Rental, Mining and Quarrying, Agriculture and Building and Construction

HireMan HirePro

GenPro PowACcom

IN LINE WITH OUR CONTINUED DEVELOPMENT, INNOVATION AND VOICE OF CUSTOMER PROGRAM, WE RESERVE THE RIGHT TO CHANGE DATA WITHOUT NOTICE.



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GENERATORS

PORTABLE POWER
to 50kVA



Collective Innovation

