

AGM 25




## DESIGN SPECIFICATIONS

- High quality, reliable and long life complete power unit
- Compact design
- Easy start and maintenance possibility
- Every generator set is subjected to a test programme which includes standard full load and functions testing.

## STANDARD GENSET SPECIFICATIONS

### ENGINE:

- GM heavy duty NG/LPG engine
- 4 cycled water cooled engine
- 12 Volt D.C. starter and charger alternator
- Replaceable oil filter and dry element air filter
- Cooling radiator and fan
- Flexible gas connection hoses and oil drain valve
- Industrial capacity exhaust silencer and steel belows
- Starter battery (lead acid) including rack and cables
- Jacket water heater (at automatic models)
- Operation manuals and circuit diagrams documents

### ALTERNATOR:

- Brushless, single bearing systemı, 4 poles
- Class H insulation system
- The standard degree of protection is IP21-23
- Self-exciting and self regulation
- Solid state automatic voltage regulation

### CHASSIS:

- Steel chassis and antivibration pads
- Suitable modular canopy mounted
- Easy to lift and transport with hook and forklift

### CANOPY:

- Canopy parts are designed by modular principals
- Without welding assembly
- Easy maintenance and operation possibility
- All metal canopy parts are painted by electrostatic polyester powder paint after chemical cleaning operation
- Exhaust silencer is protected against environmental conditions
- Emergency stop button is assembled on outside of canopy
- Direct lifting and transporting from canopy
- Thermally insulated engine exhaust system

### QUALITY STANDARDS:

- Generator meets the following standards: VDE 0530, BS 4999, BS 5000, IEC 34 and quality assurance system is NQA BS EN ISO 9001 certificated.

### WARRANTY:

- Generator meets the following standards: VDE 0530, BS 4999, BS 5000, IEC 34 and quality assurance system is NQA BS EN ISO 9001 certificated.

### CONTROL SYSTEM:

- Control supervision and protection panel is mounted on the genset base frame.
- **1. Autostart Control System -P500**

- DSE 704 AMF automatic start and system control module
- 3 Ampermeter
- Volt-frequecemeter (LED's) and selection key
- Hours runmeter
- Oil pressure gauge
- Coolant temperature gauge
- Emergency stop button
- Static battery charger instrument
- Thermal, overcurrent protector
- Engine water heater control
- **a) DSE 704 AMF Module Standard Specifications**
- Automatic system failure supervision (3phase)
- Engine supervision and protection
- Automatic generator start/stop control
- Easy operation with push button
- Stop-Manuel-Automatic
- Microprocessor based design
- 2 configurable digital input
- 2 configurable digital output
- Configurable Start/Stop/cooling periods
- Configurable system failure (low voltage) level
- System generator transfer control
- Remote start input
- **b) DSE 704 AMF module alarm and status notice LED's**
- High engine temperature (Stop)
- Low oil pressure (Stop)
- Over Speed (Stop)
- Charger generator failure (Alarm)
- Generator and system Ready/On line (Notice)
- **2. Manual Control Panel -ME40**
- A 720 Manual Start-Control Module
- 1 Volt-frequecemeter (with LED) and selection key
- 1 Hour runmeter
- 3 Ampermeter
- 1 Water temperature gauge
- 1 Oil pressure gauge
- 1 Emergency stop button
- 1 Charger lamp
- **a) A720 module standard specifications**
- Engine supervision and protection
- Easy operation with push button (Closed/Reset/Start)
- **b) A720 module alarm and status notice LED'S**
- High engine temperature (Stop)
- Low oil pressure (Stop)
- Over Speed (Stop)
- Engine starts (NOtice)
- Module on line (NOtice)
- Spare outputs and LED's regulated for alarm and stop
- 2-1 Thermal-Magnetic Output switch (at manual model)

<b>TECHNICAL DATA</b>			
<b>Diesel Generating Sets 400/231 V - 50 Hz</b>			
G R O U P	MODEL		AGM 25
	Power Pf. 0,8	Standby	kVA kW 25 20
		Continuous	kVA kW 22 18
D I E S E L E N G I N E	Engine Make		GM
	Model		AGM 25
	Gross engine power output at rated rpm		Continuous kW
	Aspiration and Cooling		Natural
	Cylinders Capacity		Lt 3
	Cylinders and Build		4 L
	Engine Speed		rpm 1500
	Bore and Stroke		mmxmm 102 x 91
	Compression Ratio		8.2 :1
	Fuel Injection System		Direct
	Fuel Consumption		Nm <sup>3</sup> /h 7.5
	Natural Gas Pressure(min)		mbar 300
Oil Capacity		Lt 4.3	
Alternator Voltage Regulation			± %1

<b>OPEN TYPES</b>		
Dimensions (length x width x height)	mm	1600 x 850 x 950
Dry weight	kg	500

<b>CANOPIED GROUP</b>		
Canopy Model		ASM3
Dimensions (length x width x height)	mm	2100 x 850 x 1425
Dry weight	kg	760

\* Manufacturer reserves the right to make changes in model, technical specifications, color, equipment and accessories without prior notice.

#### OPTIONAL EQUIPMENTS

- \* Remote radiator
- \* Charge voltmeter
- \* Automatic transfer switch by contactor (utility/gen-set)
- \* Enclosure, soundproof canopy
- \* Cooling with exchanger
- \* Charge ampermeter
- \* Special type silencer

#### OTHER ATTACHMENTS

##### Attachment Type

Image Document



Image Document



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