

AGM 60




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)

TECHNICAL DATA			
Diesel Generating Sets 400/231 V - 50 Hz			
G R O U P	MODEL		AGM 60
	Power Pf. 0,8	Standby	kVA kW 62 50
		Continuous	kVA kW 56 45
D I E S E L E N G I N E	Engine Make		GM
	Model		AGM 60
	Gross engine power output at rated rpm		Continuous kW
	Aspiration and Cooling		Natural
	Cylinders Capacity		Lt 5.7
	Cylinders and Build		8 V
	Engine Speed		rpm 1500
	Bore and Stroke		mmxmm 102 x 88
	Compression Ratio		9.4:1
	Fuel Injection System		Direct
	Fuel Consumption		Nm ³ /h 17
	Natural Gas Pressure(min)		mbar 300
Oil Capacity		Lt 5.24	
Alternator Voltage Regulation			± %1

OPEN TYPES		
Dimensions (length x width x height)	mm	2490 x 1100 x 1375
Dry weight	kg	850

CANOPIED GROUP		
Canopy Model		ASM5
Dimensions (length x width x height)	mm	3100 x 1000 1690
Dry weight	kg	1040

* 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



AKSA JENERATÖR SANAYİ A.Ş.

Evren mah. Gülbahar Cad. 1.Sokak Güneşli, 34212/Istanbul/TURKEY
Tel : + 90 (212) 478 66 66 (pbx) Fax : + 90 (212) 657 55 16
www.aksa.com.tr e-mail:export@aksa.com.tr

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