INTRODUCTION

Aksa power generation system, providing optimum performance, and reliability, for stationary standby, prime power, and continuous duty applications. All generator sets are factory build, and production tested.

Power (kVA)

3 Phase,50 Hz, PF 0.8

Voltage	STANDBY RATING (ESP)		PRIME RATING (PRP)		Standby Amper
	kW	kVA	kW	kVA	
400/231	1440,00	1800,00	1440,00	1800,00	2598,15

STANDBY RATING (ESP) Applicable for supplying power to varying electrical load for the duration of power interruption of a reliable utility source. ESP is in accordance with ISO 8528-1. Overload is not allowed.

PRIME RATING (PRP) Applicable for supplying power to varying electrical load for unlimited hours. PRP is in accordance with ISO 8528-1. 10 % overload capability is available for a period of 1 hour within 12-hour perod of operation.

General Characteristics

Model Name	AMG 1500
Frequency (Hz)	50
Fuel Type	Natural Gas
Engine Made and Model	MITSUBISHI GS16R2-PTK
Alternator Made and Model	PI734F
Control Panel Model	PCM (IG-NT GC)
Canopy	SCH 40

ENGINE SPECIFICATIONS

Engine	MITSUBISHI
Engine Model	GS16R2-PTK
Number of Cylinder (L)	16 cylinders - V type
Bore (mm.)	170
Stroke (mm.)	220
Displacement (lt.)	79.9
Aspiration	Turbo Charged and AfterCooled
RPM (d/dk)	1500
Fuel Type	Natural Gas
Governor System	Electronic
Operating Voltage (Vdc)	24 Vdc
Cooling Method	Water Cooled
Air Filter	UNKNOWN
Fuel Cons. Prime With %100 Load (m^3/hr)	351,5

ALTERNATOR CHARACTERISTICS

Manufacturer	Stamford
Alternator Made and Model	PI734F
Frequency (Hz)	50

Power (kVA)	2080
Voltage (V)	400
Phase	3
A.V.R.	MX341
Voltage Regulation	(+/-)1%
Insulation System	H
Rated Power Factor	0.8
WEIGHT COMP. GENERATOR (Kg)	3840
COOLING AIR (m³/min)	161.4

Open Gen.Set Dimensions (mm)

LENGTH	5727
WIDTH	2173
HEIGHT	2472
DRY WEIGHT (kg.)	16000

Gen.Set Canopy Dimensions (mm)

LENGTH	2440
WIDTH	12200
HEIGHT	2800
DRY WEIGHT (kg.)	22030

INTRODUCTION

No Data

Control Panel

Control Module	Comap
Control Module Model	PCM (IG-NT GC)
Communication Ports	UNKNOWN
##CONTROL PANEL IMAGE##	##CONTROL PANEL TABLE##

Devices

No Data

CONSTRUCTION and FINISH

No Data

INSTALLATION

No Data

GENERATING SET CONTROL UNIT

No Data

STANDARD SPECIFICATIONS

No Data

Instruments

No Data

No Data

Options

No Data

Standards

No Data

STATIC BATTERY CHARGER

No Data

STANDARD SPECIFICATIONS

- Heavy duty, water cooled naturalgas engine
- 46/50 °C ambient rated radiator with mechanical fan
- Protective grille for fan and rotating parts
- Electric starter and charge alternator
- Starting battery (with lead acid) including rack and cables
- Engine jacket cooling heater
- Base frame design incorporates an integral fuel tank and anti-vibration isolators
- Flexible fuel connection hoses
- Single bearing, class H alternator
- Industrial exhaust silencer and steel belows supplied separately
- Static battery charger
- Manual for use and installation

OPTIONAL EQUIPMENTS

ENGINE

Remote Radiator Cooling

Low Coolant level alarm

Oil heater

ALTERNATOR

Anti-Condensation heater

Over sized alternator

Single Phase (4 lead)

Main line circuit breaker

CONTROL SYSTEM

Automatic synchronising and power control system (multi gen-set Parallel)

Paralel system with mains.

Uzağa alarm paneli

Alarm output relays

Remote communication with modem

Earth fault, single set

Charging ammeter

TRANSFER SWITCH

Four Pole Contactor
VISE ACCESSORIES
Manual oil drain pump
Electrical oil drain pump
Enclosure: weater protective or sound attenuated
Duct adapter (on radiator)
Inlet and outlet motorised louvers
Tool kit for maintenance
1500/3000 hours maintenance kit

AKSA CERTIFICATES

- TS ISO 8528
- CE
- SZUTEST
- 2000/14/EC