



## 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 period 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 <sup>3</sup> /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 (m <sup>3</sup> /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

WISE 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