



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 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 (m ³ /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