

**GROUP****Standby Power****Prime Power**

|                  |         |           |     |
|------------------|---------|-----------|-----|
| Power            | kVA     | 165       | 150 |
| Power            | kW      | 132       | 120 |
| Engine Speed     | rpm     | 1500      |     |
| Standard Voltage | V       | 400 / 230 |     |
| Power Factor     | Cos Phi | 0,8       |     |

**Continuous Power**

The maximum power which a generating set is capable of delivering continuously whilst supplying a constant electrical load. Average load can be 100%. The generator must not be overloaded.

**Standby Power**

The maxpower available during a variable electrical power sequence, under the stated operating conditions, for which a generating set is capable of delivering in the event of a utilitypower outage or under test conditions for up to 200 hrs of operation per year under average of 70%load.Overloading isn't permissible.

**Prime Power**

The maximum power which a generating set is capable of delivering continuously whilst supplying a variable electrical load. Average load should be 70%. The generator can be overloaded 10% for 1 hour per 12 hrs.

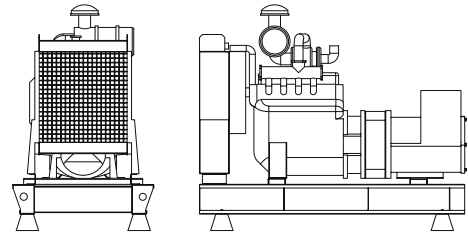
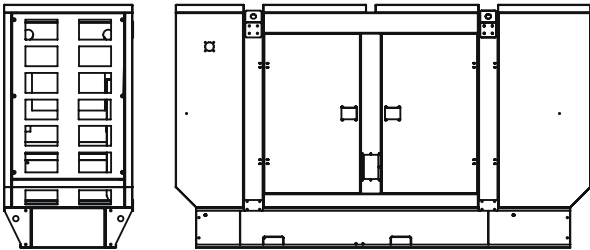
### Engine Properties

|                            |       |                          |
|----------------------------|-------|--------------------------|
| Brand                      |       | BAUDOUIN                 |
| Model                      |       | 6M11G165/5               |
| Standby                    | kW    | 152                      |
| Prime                      | kW    | 138                      |
| Cylinder Displacement      | lt.   | 6.7                      |
| Number of Cylinders / Type |       | 6 / In line              |
| Bore x Stroke              | mmxmm | 105x130                  |
| Compression Ratio          |       | 18:1                     |
| Governor Type              |       | Electronic               |
| Idle Speed                 | rpm   | 1500                     |
| Aspiration                 |       | Turbocharged Aftercooled |
| Injection Type             |       | Direct Injection         |
| Cooling System             |       | Liquid Cooled            |
| Fuel Consumption%100       | lt/h  | 32.6                     |
| Fuel Consumption%75        | lt/h  | 24.6                     |
| Fuel Consumption%50        | lt/h  | 16.7                     |
| Oil Capacity               | lt.   | 19                       |
| Cooling Liquid Capacity    | lt.   | 17                       |
| Voltage                    | V     | 12                       |
| Battery Capacity           | A     | 72                       |

### Alternator Properties

|                              |      |             |
|------------------------------|------|-------------|
| Output Voltage               | V    | 230/400     |
| Frequency                    | HZ   | 50          |
| Automatic Voltage Regulation | ±%   | 0,5         |
| Phase                        |      | 3           |
| Pole                         |      | 4           |
| Overload                     |      | 1 Hour %110 |
| Voltage Regulation           |      | ±%1         |
| Power Factor                 | Cosφ | 0,8         |
| Warning System               |      | Self Alert  |
| AVR Model                    |      | SX460       |
| Total Harmonic Losing        |      | ≤%3         |
| Connecting Type              |      | Star        |
| Protection Class             |      | IP 23       |
| Isolation Class              |      | H           |

### Diemensions



#### Canopied

|                    |     |                |
|--------------------|-----|----------------|
| L x W x H          | mm  | 3070x1100x1800 |
| Weight             | kg  | TBA            |
| Fuel Tank Capacity | lt. | 245            |

#### Open Set

|                    |     |               |
|--------------------|-----|---------------|
| L x W x H          | mm  | 2770x1100xTBA |
| Weight             | kg  | TBA           |
| Fuel Tank Capacity | lt. | 245           |

### Standard Specification

Some standard equipments that AMG POWER provides with generator

sets:

- 50°C cooland radiator
- Flexible fuelpipes and oil drain valve
- Engine jacket heater
- 4 pole synchronous type self-excited brushless alternator
- Battery and wires
- Entegred fuel tank
- User and maintenance manual
- Oil and antifreeze
- Datakom D-300 controller
- Battery charger
- Electrical circuit diagram



- Diesel and gas genset support
- 400Hz operation support
- Downloadable languages
- Harmonic analysis of V & I
- Weekly operation schedule
- Dual mutual standby with equal aging of gensets
- Overload IDMT protection
- Current unbalance protection
- Fuel filling & fuel theft alarms
- Battery back-up real time clock
- Idle speed control
- Contactor & MCB drive
- Fuel filling counters
- Fuel consumption counter
- Automatic GSM geo-location
- Reverse power protection
- Free configuration program
- Mobile genset support
- 3 level configuration password
- Ip65 rating with optional gasket

### Optional Specification

Some Optional Equipments that AMG POWER provides with generator Sets;

- Auto refueling system
- Extra fuel tank , coil heaters
- Remote radiator
- Synchronization system
- Circuit breaker
- Special soundproof canopies
- Siesmic solutions
- Trailer
- Remote control panel
- Automatic transfer switch