

## MAAG 275BDS

### GENSET

|                                |           |                |
|--------------------------------|-----------|----------------|
| Standby Power                  | kVA       | 275            |
|                                | kW        | 220            |
| Prime Power                    | kVA       | 250            |
|                                | kW        | 200            |
| Soundproof canopy [mm]         | W x L x H | 1200x3820x2490 |
| Open version [mm]              | W x L x H | 1200x3100x2490 |
| Fuel tank [liter] -base        | diesel    | 360            |
| Net total weight with canopy*  | kg        | 2 800          |
| Net total weight open version* | kg        | 2 500          |
| Noise [in canopy design]       | dB(A)     | 71             |
| Control panel                  |           | MGD 500L MK2   |

\* Including lubrication oil and coolant fluid, excluding fuel

#### [Info] Genset characteristics:

Displays:

Phase currents (A), Phase voltages (V), Line voltages, Integrated frequency and speed display.

Cooling water temperature, operating hours counter, oil pressure indicator.

#### [Info] AMF Genset control:

Standard voltage-free indications: genset running, high water temperature, low oil pressure, low battery voltage.

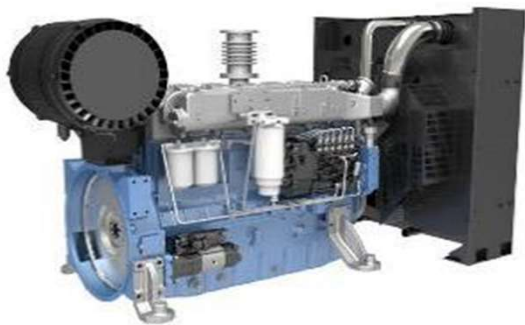


#### [Info] Prime power:

**Prime Power** is the maximum power accessible at the variable load for an unlimited number of hours per year in a variable load setting. It is not advisable that the variable load exceed 70% average of the prime power rating during any operational period. If the engine is running at 100% prime power, yearly hours should not exceed 500. Overload situations should be avoided however a 10% overload capability is available for a 1 hour period within a 12 hour cycle of operation.

#### [Info] Standby power:

**Standby Rating** for a standby engine should be sized for a maximum of 70% average load factor and roughly 500 hours per year. Standby power ratings should never be applied except in true emergency outage situations. With standby rated generators there is no overload capability built into the units.



### MOTOR

|                          |        |                            |
|--------------------------|--------|----------------------------|
| Manufacturer             |        | BAUDOUIIN                  |
| Model                    |        | 6M16G275/5                 |
| Number of cylinders      |        | 6 in Line                  |
| Cycle                    |        | 4                          |
| Aspiration               |        | Turbocharger - intercooler |
| Cooling system           |        | Water                      |
| Cooling circuit capacity | liter  | 44                         |
| Oil capacity             | liter  | 26                         |
| Injection                |        | direct                     |
| Speed/Frequency          | rpm/Hz | 1500/50                    |
| Fuel consumption         | 100%   | 56,9                       |
|                          | 50%    | 28,3                       |

### ALTERNATOR

|                      |       |             |
|----------------------|-------|-------------|
| Manufacturer         |       | STAMFORD    |
| Number of Phase      |       | 3           |
| Power factor         |       | cos φ 0,8   |
| Frequency [Hz]       |       | 50          |
| Output voltage [VAC] |       | 230 / 400 V |
| Protection           |       | IP 23       |
| Connection type      |       | Star        |
| Standby power        | [kVA] | 275         |
| Insulation class     |       | Class H     |

### OTHER INFO

web: [www.maaggenerator.com](http://www.maaggenerator.com)

#### CERTIFICATE

MARTON Szekely Eszaki Zrt.  
8256 Ebes, Andrássy út 13. sz. ép.  
8256 Ebes

#### Levegő Kft.

Réghelyi út 11. 1212 Budapest, Erzsébet körút 162.  
Operációs Iktató: 11 8115 Budapest, Erzsébet körút 162. sz. ép.

Equipment and components manufactured by authorized and qualified suppliers.

The manufacturer guarantees the technical performance, quality and safety of the generator.

Application: power generation system.

According to the requirements of the standard EN ISO 9001:2015.

CONFORMS WITH:

ISO 9001:2015

MSZ EN ISO 9001:2015

MSZ EN ISO 14001:2015

MSZ EN ISO 45001:2018

MSZ EN ISO 50001:2018

MSZ EN ISO 50002:2018

MSZ EN ISO 50003:2018

MSZ EN ISO 50004:2018

MSZ EN ISO 50005:2018

MSZ EN ISO 50006:2018

MSZ EN ISO 50007:2018

MSZ EN ISO 50008:2018

MSZ EN ISO 50009:2018

MSZ EN ISO 50010:2018

MSZ EN ISO 50011:2018

MSZ EN ISO 50012:2018

MSZ EN ISO 50013:2018

MSZ EN ISO 50014:2018

MSZ EN ISO 50015:2018

MSZ EN ISO 50016:2018

MSZ EN ISO 50017:2018

MSZ EN ISO 50018:2018

MSZ EN ISO 50019:2018

MSZ EN ISO 50020:2018

#### CERTIFICATE

ARIKALON Szekely Eszaki Zrt.  
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8256 Ebes

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MSZ EN ISO 50015:2018

MSZ EN ISO 50016:2018

MSZ EN ISO 50017:2018

MSZ EN ISO 50018:2018

MSZ EN ISO 50019:2018

MSZ EN ISO 50020:2018

All of our products are made in Hungary in our own factory. Please kindly be notified that We reserve the right to make changes without the prior consent of the buyer except the standby and prime power which are always guaranteed. Thank you for understanding.  
All pictures shown here are for illustration purpose only.

MSZ EN ISO 14001:2015, MSZ EN ISO 9001:2015

