# THE HUNGARIAN GENERATOR

## MAAG 110BDMG

### GENSET

| | | |
|---|---|---|
| Standby Power | kVA | 110 |
| | kW | 88 |
| Prime Power | kVA | 100 |
| | kW | 80 |
| Soundproof canopy [mm] | W x L x H | 1100x3180x1780 |
| Open version [mm] | W x L x H | 1100x2600x1690 |
| Fuel tank [liter] -base | diesel | 275 |
| Net total weight with canopy* | kg | 1 700 |
| Net total weight open version* | kg | 1 700 |
| 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 | | BAUDOUIN |
| Model | | 4M11G120/5 |
| Number of cylinders | | 4 in Line |
| Cycle | | 4 |
| Aspiration | | Turbocharger - intercooler |
| Cooling system | | Water |
| Cooling circuit capacity | liter | 13,3 |
| Oil capacity | liter | 11 |
| Injection | | direct |
| Speed/Frequency | rpm/Hz | 1500/50 |
| Fuel consumption | 100% | 23,2 |
| | 50% | 11,9 |

### ALTERNATOR

| | | |
|---|---|---|
| Manufacturer | | MAAG |
| 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] | 112 |
| Insulation class | | Class H |

### OTHER INFO

| | |
|---|---|
| ***web:*** www.maaggenerator.com | |

***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

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