



# TMG POWER

www.tmgpower.com.tr



## BAUDOIN DIESEL GENSET

## TMG-BD 660

### GROUP

|                  |         | Standby Power | Prime Power |
|------------------|---------|---------------|-------------|
| Power            | kVA     | 660           | 578         |
| Power            | kW      | 528           | 480         |
| 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 utility power 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.

 MOTEURS  
**Baudouin**

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 **TMG POWER**

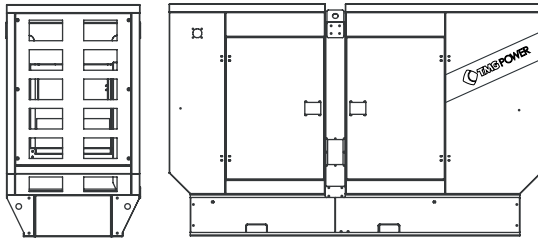
## Engine Properties

|                                 |              |                          |
|---------------------------------|--------------|--------------------------|
| Brand                           |              | BAUDOUIN                 |
| Model                           |              | 6M33G660/5e2             |
| Stand By                        | <i>kW</i>    | 572                      |
| Prime                           | <i>kW</i>    | 520                      |
| Time                            |              | 4                        |
| Cylinder Volume                 | <i>lt</i>    | 19,6                     |
| Cylinder Number and Arrangement |              | 6 Cylinder               |
| Piston Diameter and Stroke      | <i>mmxmm</i> | 150x185                  |
| Compression Ratio               |              | 15:01                    |
| Governor Type                   |              | Electronics              |
| Suction System                  |              | Turbocharger / I. Cooler |
| Spray Type                      |              | Direct                   |
| Cooling Type                    |              | Water Cooled             |
| Fuel Consumption at Full Load   | <i>lt/h</i>  | 122,8                    |
| Engine Oil Capacity             | <i>lt</i>    | 60,5                     |
| Water Capacity                  | <i>lt.</i>   | 126,63                   |
| Voltage                         | <i>V</i>     | 24                       |
| Battery Capacity                | <i>A</i>     | 2x105                    |

## Alternator Properties

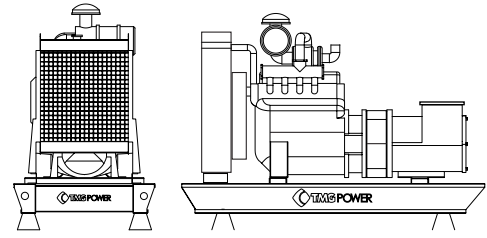
|                              |             |            |
|------------------------------|-------------|------------|
| Output Voltage               | <i>V</i>    | 230/400    |
| Frequency                    | <i>HZ</i>   | 50         |
| Automatic Voltage Regulation | $\pm\%$     | 0,5        |
| Stand by Power               | <i>kVA</i>  | 660        |
| Prime Power                  | <i>kVA</i>  | 610        |
| Power Factor                 | <i>Cosφ</i> | 0,8        |
| Number of Cables             |             | 12         |
| Winding Line                 |             | 2/3        |
| Protection Class             |             | IP23 / H   |
| Warning System               |             | Self-Alert |
| AVR Model                    |             | SX440      |
| Alternator Efficiency        | <i>%</i>    | 92         |

## Dimensions



### Canopied

|                    |            |                |
|--------------------|------------|----------------|
| L x W x H          | <i>mm</i>  | 4600x1500x2810 |
| Weight             | <i>kg</i>  | 5095           |
| Fuel Tank Capacity | <i>lt.</i> | 1000           |



### Open Set

|                    |            |                |
|--------------------|------------|----------------|
| L x W x H          | <i>mm</i>  | 3500x1500x2170 |
| Weight             | <i>kg</i>  | 4188           |
| Fuel Tank Capacity | <i>lt.</i> | 1000           |

## Optional

Some Optional Equipments that TMG POWER provides with Generator Sets;

- Medium voltage alternator,
- Remote radiator applications,
- Automatic fuel filling system,
- Fuel tank, oil pan, dashboard, alternator, coil heaters,
- Alternator with double AVR and PMG,
- Synchronization systems, The generator output breaker,
- Grid-generator transfer switches,
- Accordance with the specific volume of demand-insulated cabins,
- Seismic solutions,
- Remote monitoring.
- SMPS 12/24V 10A

### Kontrol Panel

- Datakom D500
- Datakom D700
- ComAp AMF9
- ComAp AMF25