# DGGB1700B

**1700 kVA**
ROUNDED CATALOGUE CLASS

Baudouin diesel generator | Open set

**NEW DIESEL GENERATOR RANGE**

**ENGINE PLATFORM**

## Baudouin

12M33G1650/5

Model-specific drawing supplied with quotation.

**SELECTED CONFIGURATION**

ENGINE
**Baudouin 12M33G1650/5**

ALTERNATOR
**Leroy Somer LSA50.2VL10**

ELECTRICAL OUTPUT
**400 V | 3-phase | 50 Hz**

Configuration and appearance are confirmed with the quotation.

**PRIME POWER / PRP**
**1562 kVA** 1250 kW

**STANDBY POWER / ESP**
**1678 kVA** 1342 kW

Ratings shown at 400 V, 3-phase, 50 Hz. The DGGB model number is a rounded class; use the exact ratings for selection.

## PUBLISHED ELECTRICAL RATINGS

| Voltage (V) | Connection | ESP (kVA) | ESP (kW) | PRP (kVA) | PRP (kW) |
|---|---|---|---|---|---|
| 400 | SS | 1678 | 1342 | 1562 | 1250 |

PRP = prime power. ESP = emergency standby power. Values apply to the selected engine and alternator above. Connection codes follow the reference specification and must be confirmed before installation.



Exact build, performance and delivery scope are confirmed in the quotation.

# Technical specification

DGGB1700B | Baudouin 12M33G1650/5 | Open set

## ENGINE

| | |
|---|---|
| Manufacturer | Baudouin |
| Model | 12M33G1650/5 |
| Aspiration | Turbocharged |
| Combustion | Direct Injection |
| Cycle | 4 Stroke |
| Governor | Electronic |
| Cylinders | 12 |
| Arrangement | At Vee |
| Displacement | 39.2L |
| Bore | 150mm |
| Stroke | 185mm |
| Compression ratio | 15:1 |
| Cooling | Liquid Cooled |
| Coolant capacity | 188L |
| Oil capacity | 160L |

## ALTERNATOR

| | |
|---|---|
| Manufacturer | Leroy Somer |
| Model | LSA50.2VL10 |
| Type | Brushless |
| Phases | 3 |
| Bearings | 1 |
| Poles | 4 |
| Leads | 6 |
| AVR | D350 |
| Voltage regulation | 0.5% |
| Insulation class | H |
| Excitation | Auxiliary Wound |
| Winding | 6S |
| Harmonic content | <3.50% |
| Short circuit | >300% |

## REFERENCE FUEL CONSUMPTION

| 50% LOAD | 75% LOAD | 100% LOAD | 110% LOAD |
|---|---|---|---|
| 156.1 L/h | 234.2 L/h | 324 L/h | 354.2 L/h |

Reference figures vary with operating conditions and the confirmed duty.

## INSTALLATION INFORMATION

Dimensions, weight, fuel tank and model-specific drawing are confirmed with the quotation.

No complete matching frame data is published for this selected configuration.

## SPECIFY YOUR PROJECT

Tell us your site load, required voltage and phase, prime or standby duty, ambient conditions and installation requirements. DGGB will confirm a suitable build and its exact specification.

Final enclosure, controls, protection, acoustics and emissions suitability must be specified for the project. This sheet is a configuration guide, not an installation drawing.
DGGB technical specification | Reviewed 2026-10-12



Exact build, performance and delivery scope are confirmed in the quotation.