# PPG810B

## 810 kVA
ROUNDED CATALOGUE CLASS

Baudouin diesel generator | Open set

**Designed and manufactured in the United Kingdom**

ENGINE PLATFORM

**Baudouin**

**12M26G825/5**

Model-specific drawing supplied with quotation.

Configuration and appearance are confirmed with the quotation.

### SELECTED CONFIGURATION

ENGINE

**Baudouin 12M26G825/5**

ALTERNATOR

**Leroy Somer TAL049B**

ELECTRICAL OUTPUT

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

**PRIME POWER / PRP**

**730 kVA** 584 kW

**STANDBY POWER / ESP**

**805 kVA** 644 kW

Ratings shown at 400 V, 3-phase, 50 Hz. The PPG 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 | 805 | 644 | 730 | 584 |

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.



Perkins Power Generators is a trading name of GenPro Power Solutions.
Exact build, performance and delivery scope are confirmed in the quotation.

# Technical specification

**PPG810B** | Baudouin **12M26G825/5** | Open set

## ENGINE

| | |
|---|---|
| Manufacturer | Baudouin |
| Model | **12M26G825/5** |
| Aspiration | Turbocharged |
| Combustion | Direct Injection |
| Cycle | 4 Stroke |
| Governor | Electronic |
| Cylinders | 12 |
| Arrangement | At Vee |
| Displacement | 31.8L |
| Bore | 150mm |
| Stroke | 150mm |
| Compression ratio | 15.7:1 |
| Cooling | Liquid Cooled |
| Coolant capacity | 148L |
| Oil capacity | 114L |

## ALTERNATOR

| | |
|---|---|
| Manufacturer | Leroy Somer |
| Model | **TAL049B** |
| Type | Brushless |
| Phases | 3 |
| Bearings | 1 |
| Poles | 4 |
| Leads | 6 |
| AVR | **R150** |
| Voltage regulation | 1% |
| Insulation class | H |
| Excitation | Self Excited |
| Winding | 6S |
| Harmonic content | <5.00% |
| Short circuit | >300% |

## REFERENCE FUEL CONSUMPTION

| 50% LOAD | 75% LOAD | 100% LOAD | 110% LOAD |
|---|---|---|---|
| **86.5 L/h** | **124.5 L/h** | **162.1 L/h** | **179.4 L/h** |

Reference figures vary with operating conditions and the confirmed duty.

## INSTALLATION INFORMATION

| REFERENCE WEIGHT | FUEL TANK |
|---|---|
| **5747.5 kg** | **590 L** |

Reference frame 9090GA (UK/EU). Drawing, weights and tank capacity are subject to the ordered build.

## OTHER CONFIGURATIONS IN THIS CATALOGUE CLASS

| Engine | Alternator | V / phase | ESP kVA | PRP kVA |
|---|---|---|---|---|
| **6M33G6D0/S** | Leroy Somer **TAL049B** | 400 / 3 | 805 | 730 |

Engineering data above apply only to the selected configuration on page 1.

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


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