# PPG440B

**440 kVA**
ROUNDED CATALOGUE CLASS

Baudouin diesel generator | Open set

**Designed and manufactured in the United Kingdom**

ENGINE PLATFORM

## Baudouin

**6M21G440/5**

Model-specific drawing supplied with quotation.

Configuration and appearance are confirmed with the quotation.

### SELECTED CONFIGURATION

ENGINE
**Baudouin 6M21G440/5**

ALTERNATOR
**Stamford S4L1D-F41**

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

**PRIME POWER / PRP**
**402 kVA** 322 kW

**STANDBY POWER / ESP**
**442 kVA** 354 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) |
|---|---|---|---|---|---|
| 190 | PS | 425 | 340 | 400 | 320 |
| 200 | PS | 442 | 354 | 402 | 322 |
| 208 | PS | 444 | 355 | 403 | 322 |
| 220 | PS | 440 | 352 | 400 | 320 |
| 220 | SD | 425 | 340 | 400 | 320 |
| 230 | SD | 442 | 354 | 402 | 322 |
| 240 | SD | 444 | 355 | 403 | 322 |
| 254 | SD | 440 | 352 | 400 | 320 |
| 380 | SS | 425 | 340 | 400 | 320 |
| 400 | SS | 442 | 354 | 402 | 322 |
| 415 | SS | 444 | 355 | 403 | 322 |
| 440 | SS | 440 | 352 | 400 | 320 |

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.

# Technical specification

**PPG440B** | Baudouin **6M21G440/5** | Open set

## ENGINE

| | |
|---|---|
| Manufacturer | Baudouin |
| Model | **6M21G440/5** |
| Aspiration | Turbocharged |
| Combustion | Direct Injection |
| Cycle | 4 Stroke |
| Governor | Electronic |
| Cylinders | 6 |
| Arrangement | In Line |
| Displacement | 12.54L |
| Bore | 127mm |
| Stroke | 165mm |
| Compression ratio | 16:1 |
| Cooling | Liquid Cooled |
| Coolant capacity | 47L |
| Oil capacity | 40L |

## ALTERNATOR

| | |
|---|---|
| Manufacturer | Stamford |
| Model | **S4L1D-F41** |
| Type | Brushless |
| Phases | 3 |
| Bearings | 1 |
| Poles | 4 |
| Leads | 12 |
| AVR | **AS440** |
| Voltage regulation | 1% |
| Insulation class | H |
| Excitation | Self Excited |
| Winding | 311 |
| Harmonic content | <5.00% |
| Short circuit | >300% |

## REFERENCE FUEL CONSUMPTION

| 50% LOAD | 75% LOAD | 100% LOAD | 110% LOAD |
|---|---|---|---|
| **43.2 L/h** | **63.5 L/h** | **85.5 L/h** | **94.8 L/h** |

Reference figures vary with operating conditions and the confirmed duty.

## INSTALLATION INFORMATION

| REFERENCE WEIGHT | FUEL TANK |
|---|---|
| **2796.5 kg** | **730 L** |

Reference frame 9007GA (Export). 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 |
|---|---|---|---|---|
| **6M21G440/5** | Leroy Somer **TAL0473A** | 400 / 3 | 443 | 402 |
| **6M21G440/5** | KWise **C314G320** | 400 / 3 | 440 | 400 |

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