



# PPG560B

Baudouin diesel generator | Open set

Designed and manufactured in the United Kingdom

## 560 kVA

ROUNDED CATALOGUE CLASS

### ENGINE PLATFORM

## Baudouin

### 6M21G550/5

Model-specific drawing supplied with quotation.

### SELECTED CONFIGURATION

#### ENGINE

**Baudouin 6M21G550/5**

#### ALTERNATOR

**Stamford HCI544D1**

#### ELECTRICAL OUTPUT

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

Configuration and appearance are confirmed with the quotation.

### PRIME POWER / PRP

## 514 kVA

411 kW

### STANDBY POWER / ESP

## 559 kVA

447 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         | 550       | 440      | 500       | 400      |
| 200         | PS         | 559       | 447      | 514       | 411      |
| 208         | PS         | 550       | 440      | 500       | 400      |
| 220         | PS         | 530       | 424      | 500       | 400      |
| 220         | SD         | 550       | 440      | 500       | 400      |
| 230         | SD         | 559       | 447      | 514       | 411      |
| 240         | SD         | 550       | 440      | 500       | 400      |
| 254         | SD         | 530       | 424      | 500       | 400      |
| 380         | SS         | 550       | 440      | 500       | 400      |
| 400         | SS         | 559       | 447      | 514       | 411      |
| 415         | SS         | 550       | 440      | 500       | 400      |
| 440         | SS         | 530       | 424      | 500       | 400      |

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

PPG560B | Baudouin 6M21G550/5 | Open set

## ENGINE

|                   |                   |
|-------------------|-------------------|
| Manufacturer      | Baudouin          |
| Model             | <b>6M21G550/5</b> |
| Aspiration        | Turbocharged      |
| Combustion        | Direct Injection  |
| Cycle             | 4 Stroke          |
| Governor          | ECU               |
| Cylinders         | 6                 |
| Arrangement       | In Line           |
| Displacement      | 12.54L            |
| Bore              | 127mm             |
| Stroke            | 165mm             |
| Compression ratio | 16:1              |
| Cooling           | Liquid Cooled     |
| Coolant capacity  | 62L               |
| Oil capacity      | 40L               |

## ALTERNATOR

|                    |                 |
|--------------------|-----------------|
| Manufacturer       | Stamford        |
| Model              | <b>HCI544D1</b> |
| Type               | Brushless       |
| Phases             | 3               |
| Bearings           | 1               |
| Poles              | 4               |
| Leads              | 12              |
| AVR                | <b>AS440</b>    |
| Voltage regulation | 1%              |
| Insulation class   | H               |
| Excitation         | Self Excited    |
| Winding            | 311             |
| Harmonic content   | <5.00%          |
| Short circuit      | >300%           |

## REFERENCE FUEL CONSUMPTION

|                                  |                                    |                                      |                                      |
|----------------------------------|------------------------------------|--------------------------------------|--------------------------------------|
| <b>50% LOAD</b><br><b>51 L/h</b> | <b>75% LOAD</b><br><b>75.3 L/h</b> | <b>100% LOAD</b><br><b>109.5 L/h</b> | <b>110% LOAD</b><br><b>123.1 L/h</b> |
|----------------------------------|------------------------------------|--------------------------------------|--------------------------------------|

Reference figures vary with operating conditions and the confirmed duty.

## INSTALLATION INFORMATION

|                                              |                                  |
|----------------------------------------------|----------------------------------|
| <b>REFERENCE WEIGHT</b><br><b>3141.85 kg</b> | <b>FUEL TANK</b><br><b>730 L</b> |
|----------------------------------------------|----------------------------------|

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 |
|------------|--------------------|-----------|---------|---------|
| 6M21G8D0/S | Stamford HCI544D1  | 400 / 3   | 559     | 514     |
| 6M21G8D0/S | Stamford S5L1D-D41 | 400 / 3   | 559     | 514     |

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