



# PPG410P

Perkins diesel generator | Open set

Designed and manufactured in the United Kingdom

## 410 kVA

ROUNDED CATALOGUE CLASS

### ENGINE PLATFORM

# Perkins

## 2206A-E13TAG2

Model-specific drawing supplied with quotation.

### SELECTED CONFIGURATION

#### ENGINE

**Perkins 2206A-E13TAG2**

#### ALTERNATOR

**Leroy Somer TAL0473B**

#### ELECTRICAL OUTPUT

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

Configuration and appearance are confirmed with the quotation.

### PRIME POWER / PRP

# 361 kVA

289 kW

### STANDBY POWER / ESP

# 412 kVA

330 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         | 412       | 330      | 361       | 289      |

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

PPG410P | Perkins 2206A-E13TAG2 | Open set

## ENGINE

|                   |                  |
|-------------------|------------------|
| Manufacturer      | Perkins          |
| Model             | 2206A-E13TAG2    |
| Aspiration        | Turbocharged     |
| Combustion        | Direct Injection |
| Cycle             | 4 Stroke         |
| Governor          | Electronic       |
| Cylinders         | 6                |
| Arrangement       | In Line          |
| Displacement      | 12.5L            |
| Bore              | 130mm            |
| Stroke            | 157mm            |
| Compression ratio | 16.3:1           |
| Cooling           | Liquid Cooled    |
| Coolant capacity  | 51.4L            |
| Oil capacity      | 40.0L            |

## ALTERNATOR

|                    |                  |
|--------------------|------------------|
| Manufacturer       | Leroy Somer      |
| Model              | TAL0473B         |
| Type               | Brushless        |
| Phases             | 3                |
| Bearings           | 1                |
| Poles              | 4                |
| Leads              | 4                |
| AVR                | R150             |
| Voltage regulation | 1.0% Regulation% |
| Insulation class   | H                |
| Excitation         | Brushless        |
| Winding            | 6S               |
| Harmonic content   | <5.00%           |
| Short circuit      | >300%            |

## REFERENCE FUEL CONSUMPTION

|                           |                           |                            |                            |
|---------------------------|---------------------------|----------------------------|----------------------------|
| 50% LOAD<br><b>37 L/h</b> | 75% LOAD<br><b>54 L/h</b> | 100% LOAD<br><b>71 L/h</b> | 110% LOAD<br><b>80 L/h</b> |
|---------------------------|---------------------------|----------------------------|----------------------------|

Reference figures vary with operating conditions and the confirmed duty.

## INSTALLATION INFORMATION

|                           |                  |              |
|---------------------------|------------------|--------------|
| L x W x H (mm)            | REFERENCE WEIGHT | FUEL TANK    |
| <b>3075 x 1180 x 2057</b> | <b>3148.1 kg</b> | <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 |
|---------------|----------------------|-----------|---------|---------|
| 2206A-E13TAG2 | Leroy Somer TAL0473A | 400 / 3   | 405     | 356     |

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