# PPG300SS

## 300 kVA
ROUNDED CATALOGUE CLASS

Scania diesel generator | Acoustic canopied

**Designed and manufactured in the United Kingdom**



Representative PPG enclosure; final build may vary.

### SELECTED CONFIGURATION

ENGINE
**Scania DC09320A-02-63**

ALTERNATOR
**Stamford S4L1D-D41**

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

**PRIME POWER / PRP**

**301 kVA** 241 kW

**STANDBY POWER / ESP**

**Confirm on enquiry**

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 | Confirm | Confirm | 300 | 240 |
| 200 | PS | Confirm | Confirm | 301 | 241 |
| 208 | PS | Confirm | Confirm | 301 | 241 |
| 220 | PS | Confirm | Confirm | 290 | 232 |
| 220 | SD | Confirm | Confirm | 300 | 240 |
| 230 | SD | Confirm | Confirm | 301 | 241 |
| 240 | SD | Confirm | Confirm | 301 | 241 |
| 254 | SD | Confirm | Confirm | 290 | 232 |
| 380 | SS | Confirm | Confirm | 300 | 240 |
| 400 | SS | Confirm | Confirm | 301 | 241 |
| 415 | SS | Confirm | Confirm | 301 | 241 |
| 440 | SS | Confirm | Confirm | 290 | 232 |

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. Confirm = no published value; confirm on enquiry.


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

# Technical specification

**PPG300SS** | Scania **DC09320A-02-63** | Acoustic canopied

## ENGINE

| | |
|---|---|
| Manufacturer | Scania |
| Model | **DC09320A-02-63** |
| Aspiration | Turbocharged |
| Combustion | Direct Injection |
| Cycle | 4 Stroke |
| Governor | ECU |
| Cylinders | 5 |
| Arrangement | In Line |
| Displacement | 9.3L |
| Bore | 130mm |
| Stroke | 140mm |
| Compression ratio | 19:1 |
| Cooling | Liquid Cooled |
| Coolant capacity | 37L |
| Oil capacity | 36L |

## ALTERNATOR

| | |
|---|---|
| Manufacturer | Stamford |
| Model | **S4L1D-D41** |
| 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 |
|---|---|---|---|
| **31.2 L/h** | **46.1 L/h** | **60.5 L/h** | **Confirm on enquiry** |

Reference figures vary with operating conditions and the confirmed duty.

## INSTALLATION INFORMATION

| L x W x H (mm) | REFERENCE WEIGHT | FUEL TANK |
|---|---|---|
| **3958 x 1504 x 2384** | **3259.15 kg** | **500 L** |

Reference frame 2900E (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 |
|---|---|---|---|---|
| **DC09071A-02-03** | Stamford **S4L1D-D41** | 400 / 3 | Confirm | 303 |

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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