PPG350PS

350 kVA
ROUNDED CATALOGUE CLASS

Perkins diesel generator | Acoustic canopied

Designed and manufactured in the United Kingdom



Representative PPG enclosure; final build may vary.

SELECTED CONFIGURATION

ENGINE
Perkins 1506A-E88TAG5

ALTERNATOR
KWise C314G320

ELECTRICAL OUTPUT
400 V | 3-phase | 50 Hz

PRIME POWER / PRP
316 kVA 253 kW

STANDBY POWER / ESP
347 kVA 278 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)
200	PS	347	278	316	253
230	SD	347	278	316	253
400	SS	347	278	316	253

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

PPG350PS | Perkins **1506A-E88TAG5** | Acoustic canopied

ENGINE

Manufacturer	Perkins
Model	**1506A-E88TAG5**
Aspiration	Turbocharged
Combustion	Direct Injection
Cycle	4 Stroke
Governor	Electronic
Cylinders	6
Arrangement	In Line
Displacement	8.8L
Bore	112mm
Stroke	149mm
Compression ratio	16.1:1
Cooling	Liquid Cooled
Coolant capacity	33.2L
Oil capacity	41.0L

ALTERNATOR

Manufacturer	KWise
Model	**C314G320**
Type	Brushless
Phases	3
Bearings	1
Poles	4
Leads	12
AVR	**SX440**
Voltage regulation	1%
Insulation class	H
Excitation	PMG
Winding	311
Harmonic content	<3.00%
Short circuit	>300%

REFERENCE FUEL CONSUMPTION

50% LOAD	75% LOAD	100% LOAD	110% LOAD
33 L/h	**48.2 L/h**	**64.9 L/h**	**73.1 L/h**

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	**3593.65 kg**	**500 L**

Reference frame 2900E (UK/EU). Drawing, weights and tank capacity are subject to the ordered build.

SPECIFY YOUR PROJECT

Tell us your site load, required voltage and phase, prime or standby duty, ambient conditions and installation requirements. PPG will confirm a suitable build and its exact specification.

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