GPS1000CS

1000 kVA
ROUNDED CATALOGUE CLASS

Cummins diesel generator | Acoustic canopied

Designed and manufactured in the United Kingdom

ENGINE PLATFORM

Cummins

KTA38G3

Model-specific drawing supplied with quotation.

Configuration and appearance are confirmed with the quotation.

SELECTED CONFIGURATION

ENGINE
Cummins KTA38G3

ALTERNATOR
Stamford S6L1D-D41

ELECTRICAL OUTPUT
400 V | 3-phase | 50 Hz

PRIME POWER / PRP
931 kVA 745 kW

STANDBY POWER / ESP
1010 kVA 808 kW

Ratings shown at 400 V, 3-phase, 50 Hz. The GPS 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)
380	SS	1000	800	910	728
400	SS	1010	808	931	745

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

GPS1000CS | Cummins KTA38G3 | Acoustic canopied

ENGINE

Manufacturer	Cummins
Model	KTA38G3
Aspiration	Turbocharged
Combustion	Direct Injection
Cycle	4 Stroke
Governor	Electronic
Cylinders	12
Arrangement	At Vee
Displacement	37.8L
Bore	159mm
Stroke	159mm
Compression ratio	13.9:1
Cooling	Liquid Cooled
Coolant capacity	210L
Oil capacity	140L

ALTERNATOR

Manufacturer	Stamford
Model	S6L1D-D41
Type	Brushless
Phases	3
Bearings	1
Poles	4
Leads	6
AVR	MX321
Voltage regulation	0.5%
Insulation class	H
Excitation	PMG
Winding	312
Harmonic content	<5.00%
Short circuit	>300%

REFERENCE FUEL CONSUMPTION

50% LOAD	75% LOAD	100% LOAD	110% LOAD
104 L/h	151 L/h	198 L/h	221 L/h

Reference figures vary with operating conditions and the confirmed duty.

INSTALLATION INFORMATION

Dimensions, weight, fuel tank and model-specific drawing are confirmed with the quotation.

No complete matching frame data is published for this selected configuration.

OTHER CONFIGURATIONS IN THIS CATALOGUE CLASS

Engine	Alternator	V / phase	ESP kVA	PRP kVA
QST30G4	Stamford S6L1D-D41	400 / 3	1010	940

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.
GenPro technical specification | Reviewed 2026-10-12