50 HZ DIESEL GENERATORS

NEW DIESEL GENERATORS

Open-set and acoustic canopied models



Acoustic canopied range shown.

10–2,750
kVA model classes

272
catalogue models

4
engine brands

Explore the online catalogue

dieselgeneratorsgb.co.uk

Open or canopied?

Each engine range includes both configurations. The installation site determines which enclosure suits the project.





Open sets

136 MODELS

For plant rooms and purpose-built housings where the building provides protection and sound control.

Browse open sets

Acoustic canopied

136 MODELS

An enclosed generator for projects that need sound attenuation. Check site noise limits and the proposed operating location.

Browse canopied sets

Before choosing an enclosure

Measure the access route and space around the set for servicing. For an open set, discuss ventilation, exhaust routing and acoustic treatment. For a canopied set, request the sound level at the distance specified for your site.

Compare the engine ranges

The model class helps you shortlist a set. The exact prime and standby outputs are listed separately on its datasheet.

ENGINE RANGE	MODEL CLASSES	MODELS
Perkins	10–2,500 kVA	**108**
Baudouin	20–2,750 kVA	**84**
Cummins	150–2,200 kVA	**42**
Scania	250–780 kVA	**38**

Four model specifications

Acoustic canopied examples at 400 V, three-phase, 50 Hz. Select a model number to open its PDF datasheet.

MODEL	ENGINE MODEL	PRIME (kVA)	STANDBY (kVA)
DGGB150PS	1106A-70TG1	136	150
DGGB500BS	6M21G500/5	450	495
DGGB340CS	QSL9G5	298	340
DGGB500SS	DC13072A-02-13	461	501

Prime power (PRP) is the rating to review for regular operation under a varying load. Standby power (ESP) is the rating for backup during a mains outage.

Find your power class

Every class listed below has an open-set and a canopied model. Select an engine brand to compare models and their exact ratings online.

Perkins

54 kVA classes

10 / 20 / 30 / 50 / 60 / 70 / 90 / 110 / 150 / 170 / 200 / 220 / 250
270 / 280 / 310 / 330 / 340 / 350 / 400 / 410 / 450 / 460 / 500 / 550
560 / 660 / 670 / 720 / 770 / 780 / 810 / 820 / 830 / 840 / 850 / 860
890 / 900 / 1,000 / 1,100 / 1,150 / 1,250 / 1,350 / 1,400 / 1,500 / 1,650
1,850 / 1,900 / 2,000 / 2,200 / 2,250 / 2,400 / 2,500

Baudouin

42 kVA classes

20 / 30 / 40 / 50 / 60 / 70 / 90 / 110 / 150 / 170 / 220 / 260 / 280
360 / 400 / 420 / 440 / 500 / 510 / 550 / 560 / 650 / 730 / 810 / 830
900 / 910 / 1,000 / 1,100 / 1,250 / 1,400 / 1,550 / 1,650 / 1,700 / 1,900
2,050 / 2,200 / 2,250 / 2,300 / 2,500 / 2,550 / 2,750

Cummins

21 kVA classes

150 / 170 / 220 / 280 / 340 / 410 / 550 / 560 / 570 / 580 / 690 / 700
880 / 1,000 / 1,100 / 1,400 / 1,550 / 1,650 / 1,800 / 2,050 / 2,200

Scania

19 kVA classes

250 / 280 / 300 / 310 / 330 / 350 / 360 / 400 / 410 / 450 / 500 / 550
570 / 620 / 660 / 670 / 680 / 710 / 780

Some models offer more than one electrical connection. Check the voltage and phase on the model datasheet before choosing the final set.

What do you need to power?

A load schedule and a few site details give the DGGB team a practical starting point for a model recommendation and quotation.

Operating duty

Is this mains-failure backup or a regular power supply? Include anticipated hours and the typical running load.

Electrical demand

Send running kW or kVA, voltage, phase and frequency. List large motors or pumps, how they start and which loads start together.

Site requirements

Include the installation location, space and access, preferred enclosure, noise limits and fuel autonomy in hours.

Delivery

Give the delivery postcode or export destination, the required date and any offloading restrictions.

Speak to DGGB

Send your requirements or the DGGB model number.

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Request a quotation

Open the sizing calculator