FG SERIES · SILENT DIESEL GENERATOR

DAF-FG-138-50

DAF POWER FG Series silent diesel generator set, prime rated 100 kW / 125 kVA, powered by Cummins 6BTA5.9-G2 engine. Engineered for standby and prime power in construction, mining, commercial and rental applications.



PRP OUTPUT	ESP OUTPUT	VOLTAGE	WEIGHT
100 kW	110 kW	400~230 V	1442 kg

TECHNICAL SPECIFICATIONS

Model No.	DAF-FG-138-50
Phase	3-Phase
Prime power (PRP)	100 kW / 125 kVA
Standby power (ESP)	110 kW / 138 kVA
Rated voltage	400~230 V
Engine brand	Cummins
Engine model	6BTA5.9-G2
Governor	Electrical
Alternator brand	DAF POWER
Alternator model	DSR274E
Control module	DEEPSEA DSE6132
Bore × Stroke	102×120 mm
Displacement	5.9 L
Compression ratio	17.3:1
Engine power	106 kW
Fuel consumption	27 L/h
Fuel tank	180 L
Weight	1442 kg
Dimensions (L×W×H)	2950×1050×1500 mm

PRP = Prime Rated Power, ESP = Emergency Standby Power, per ISO 8528-1 (power factor 1.0). Dimensions, weight and fuel tank capacity are typical values for the standard configuration — final figures are available in the model technical drawing; please request the current version before ordering.

KEY FEATURES

- Silent canopy design for low-noise operation
- Reliable diesel engine with mechanical or ECU governor
- Brushless alternator with AVR voltage regulation
- Digital control module with full protection
- Base fuel tank for extended running time
- Easy maintenance access and lifting points

TYPICAL APPLICATIONS

- Construction and commercial backup power
- Mining, quarrying and remote sites
- Telecom, data center and rental fleets
- Agriculture and residential standby
- Events and emergency response

WHY DAF POWER

- Generator set manufacturer since 2009
- ISO 9001 certified production
- 100% load-tested before shipment
- OEM / ODM configuration available
- Export support to 100+ countries