



SCANIA GENSET SG600

FAMCO
هایپر صنعت



A perfect power package.

You deserve a genset you can rely on. A dependable power plant delivering maximum uptime, low operational costs and long-term profitability.

The Scania Gensets are engineered with all this in mind. The result: A comprehensive range of extremely reliable and fuel efficient power packages. All of them built around the latest generation of Scania diesels; impressive engines having proven their skills and endurance in all kinds of climates and environments.

Every Scania Genset is an integrated, ready-to-run solution with true Scania quality in every detail – from the cutting-edge diesel engine and alternator, to the sophisticated digital control interface. All in all, our gensets are solid performers providing high efficiency, reduced emissions and low life-cycle-costs.

Prime power

For continuous operation and unlimited yearly operation time at varying load. Max mean load factor of 70% of rated power over 24 h of operation. 1 hour/12 hours period of accumulated peak overload to 110%. Available for EU Stage IIIA compliant gensets.

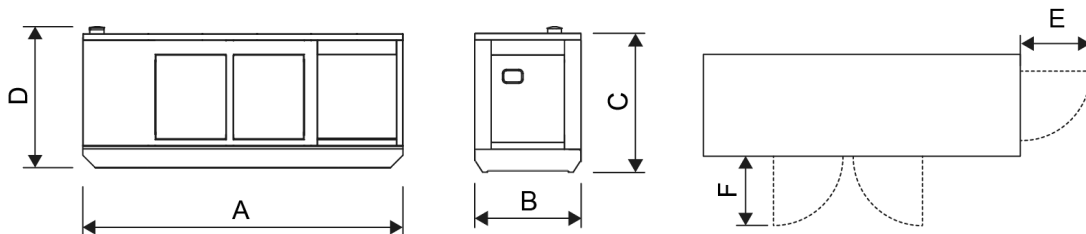
Genset type	SG600
Application	Prime
50Hz, 380-400 V	550 kVA 440 kWe
	Ratings at 0.8 pf

Genset images may include optional extras.



Genset specification	Unit	50 Hz, 1,500 rpm EU Stage IIIA compliant
Scania engine type		DC16 071A
Number of cylinders		V 8
Displacement	litre	16.4
Aspiration		Turbocharged
Alternator		MeccAlte
Frequency	Hz	50
Engine speed	rpm	1,500
Fuel tank capacity	litre	1200
Fuel consumption		
110%	L/h	
100%	L/h	115
75%	L/h	90
50%	L/h	60
Technical data		
Heat rejection to exhaust system	kW	380
Heat rejection to cooling system	kW	224
Exhaust temperature	°C	550
Combustion air flow	kg/min	37
Sound power levels		
Sound power level Canopy STD (Non-CE)	dB LWA	
Sound power level Canopy CE	dB LWA	TBA
1 m, 75% load	dB (A)	TBA
7 m, 75% load	dB (A)	TBA
15 m, 75% load	dB (A)	TBA
Dimensions		
Length (A)	mm	5400
Width (B)	mm	1750
Height (C)	mm	2100
Total height of exhaust rain cap (D)	mm	2163
Max horizontal projection of end door (E)	mm	1108
Max horizontal projection of doors at each side (F)	mm	1108
Weight		
Incl. coolant and oil, excl. batteries and fuel	kg	6300

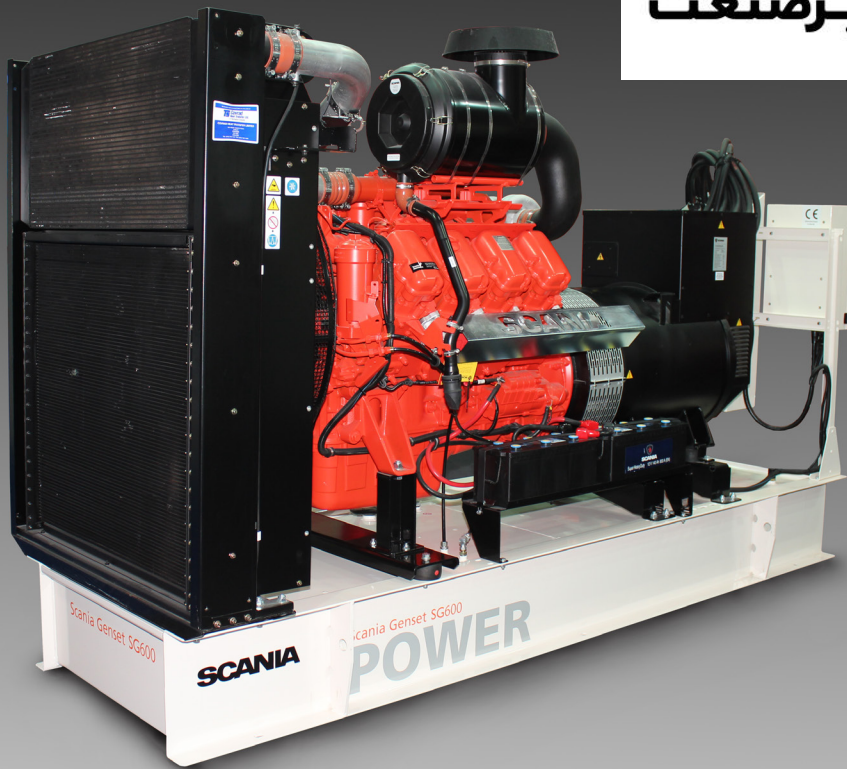
Test conditions Air temperature +25°C. Barometric pressure 100 kPa (750 mmHg). Humidity 30%. Diesel fuel acc. to ECE R 24 Annex 6. Density of fuel 0.840 kg/dm³. Viscosity of fuel 3.0 cSt at 40°C. Energy value 42700 kJ/kg. **Power test code** ISO 3046. Power and fuel values ±3%.





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Displacement	litre	16.4
Aspiration		Turbocharged
Alternator		MeccAlte
Frequency	Hz	50
Engine speed	rpm	1,500
Fuel tank capacity	litre	965
Fuel consumption		
110%	L/h	
100%	L/h	115
75%	L/h	90
50%	L/h	60
Technical data		
Heat rejection to exhaust system	kW	380
Heat rejection to cooling system	kW	224
Exhaust temperature	°C	550
Combustion air flow	kg/min	37
Exhaust noise from engine		
1 m after turbocharger at max. power	dB (A)	118
Dimensions		
Length (A)	mm	3900
Width (B)	mm	1167
Height (C)	mm	2212
Weight		
Incl. coolant and oil, excl. batteries and fuel	kg	3745 (calculated)

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