SCANIA GENSET SG280

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.

The Scania Genset comes in two types to perfect fit your application.

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 Fuel optimized and EU Stage IIIA compliant gensets.

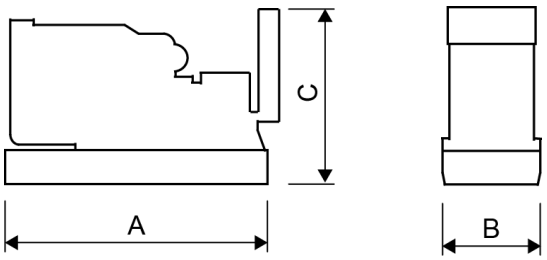
Standby power
This rating is for the supply of continuous electrical power (at variable load) in the event of a reliable utility power failure. No overload is permitted.
Available for Fuel optimized gensets.

Genset type	**SG280**	**SG280**
Application	Prime	Standby
50Hz, 380-415V, 200/115V	250 kVA 200 kWe	280 kVA 225 kWe
60Hz, 440-480V	280 kVA 225 kWe	315 kVA 250 kWe
60Hz, 200/115V	270 kVA 215 kWe	300 kVA 240 kWe
	Ratings at 0.8 pf	

Genset images may include optional extras.

Genset specification	Unit	50Hz, 1,500rpm EU Stage IIIA compliant	50Hz, 1,500rpm Fuel optimized	60Hz, 1,800rpm Fuel optimized
Scania engine type		DC09 071A	DC09 072A	DC09 072A
Number of cylinders		5 in-line	5 in-line	5 in-line
Displacement	litre	9.3	9.3	9.3
Aspiration		Turbocharged	Turbocharged	Turbocharged
Alternator		MeccAlte	MeccAlte	MeccAlte
Frequency	Hz	50	50	60
Engine speed	rpm	1,500	1,500	1,800
Fuel tank capacity	litre	965	965	965
Fuel consumption				
110%	L/h	63	57	65
100%	L/h	57	51	59
75%	L/h	44	38	44
50%	L/h	29	26	36
Technical data				
Heat rejection to exhaust system	kW	183	166	201
Heat rejection to cooling system	kW	113	185	92
Exhaust temperature	°C	507	428	434
Combustion air flow	kg/min	20	22	27
Exhaust noise from engine				
1 m after turbocharger at max. power	dB (A)	115	115	117
Dimensions				
Length (A)	mm	3806	3806	3806
Width (B)	mm	1100	1100	1100
Height (C)	mm	1833	1833	1833
Weight				
Incl. coolant and oil, excl. batteries and fuel	kg	2710 (calculated)	2710 (calculated)	2710 (calculated)

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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