



SCANIA GENSET SG715



Picture is showing a SG600

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.

PRP - 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 gensets.

ESP - 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	SG715	SG715
Application	PRP	ESP
50Hz, 380-415 V	650 kVA 520 kW _e	715 kVA 572 kW _e
	Ratings at 0.8 pf	

Genset images may include optional extras.



SCANIA GENSET SG715

Genset specification	Unit	50Hz, 1,500rpm Fuel optimized
Scania engine type		DC16 078A
Number of cylinders		V 8
Displacement	litre	16,4
Aspiration		Turbocharged
Alternator		Stamford
Frequency	Hz	50
Engine speed	rpm	1,500
Fuel tank capacity	litre	965

Fuel consumption (PRP)

100%	L/h	144
75%	L/h	97
50%	L/h	65

Technical data

Heat rejection to exhaust system	kW	382
Heat rejection to cooling system	kW	186
Exhaust temperature	°C	499
Combustion air flow	kg/min	42

Dimensions

Length (A)	mm	3900
Width (B)	mm	1316
Height (C)	mm	2248

Weight

Incl. coolant and oil, excl. batteries and fuel	kg	4155
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*To be decided

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%.

