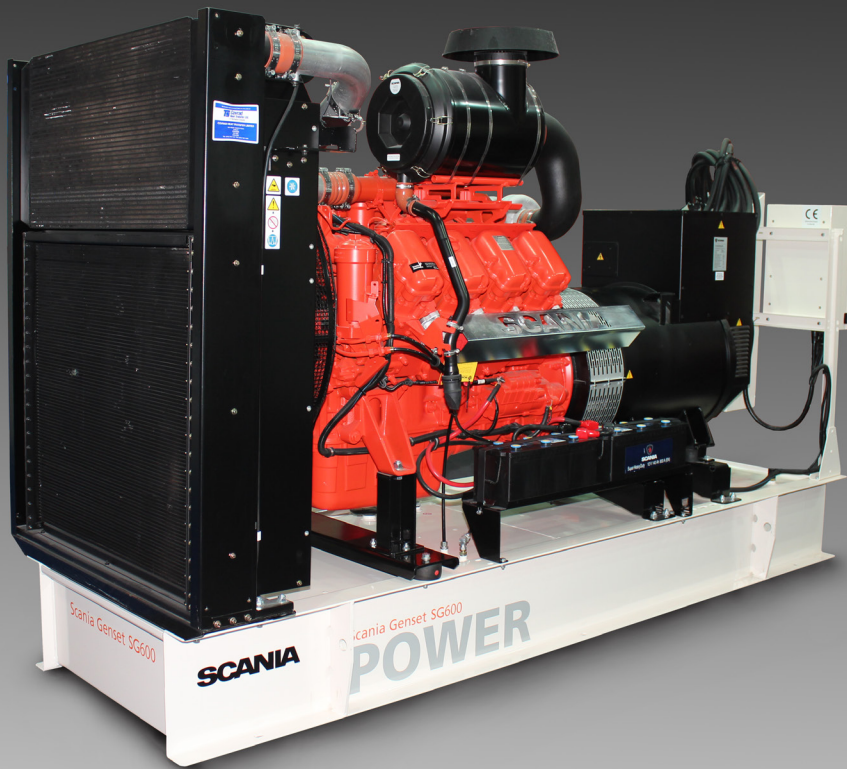




# SCANIA GENSET SG600



## 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.

### 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.

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

Genset images may include optional extras.



# SCANIA GENSET SG600

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	965
<b>Fuel consumption</b>		
110%	L/h	
100%	L/h	115
75%	L/h	90
50%	L/h	60
<b>Technical data</b>		
Heat rejection to exhaust system	kW	380
Heat rejection to cooling system	kW	224
Exhaust temperature	°C	550
Combustion air flow	kg/min	37
<b>Exhaust noise from engine</b>		
1 m after turbocharger at max. power	dB (A)	118
<b>Dimensions</b>		
Length (A)	mm	3900
Width (B)	mm	1167
Height (C)	mm	2212
<b>Weight</b>		
Incl. coolant and oil, excl. batteries and fuel	kg	3745 (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/dm<sup>3</sup>. Viscosity of fuel 3.0 cSt at 40°C. Energy value 42700 kJ/kg. **Power test code** ISO 3046. Power and fuel values ±3%.

