



SCANIA GENSET SG280

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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.

www.famcocorp.com

E-mail: info@famcocorp.com

@famco_group

Tel: ۰۲۱-۴۸۰۰۰۰۴۹

Fax: ۰۲۱-۴۴۹۹۴۶۴۲

تهران، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج)

روبروی پالایشگاه نفت پارس، پلاک ۱۲



SCANIA GENSET SG280

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	1075	1075	1075

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	31

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

Sound power levels

Sound power level Canopy STD (Non-CE)	dB LWA	NA	99	TBA
Sound power level Canopy CE	dB LWA	97	97	TBA
1 m, 75% load	dB (A)	79	79	TBA
7 m, 75% load	dB (A)	70	70	TBA
15 m, 75% load	dB (A)	65	65	TBA

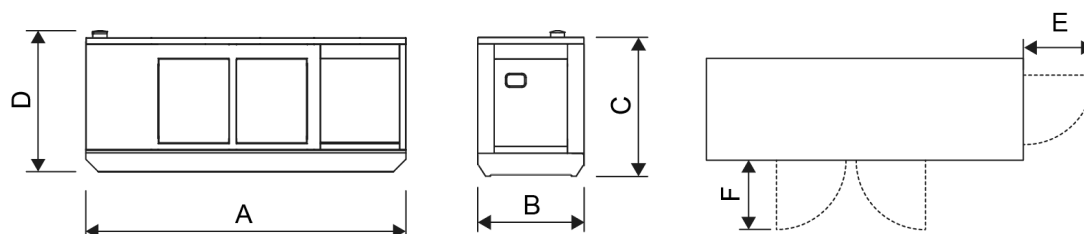
Dimensions

Length (A)	mm	5000	5000	5000
Width (B)	mm	1600	1600	1600
Height (C)	mm	2100	2100	2100
Total height of exhaust rain cap (D)	mm	2163	2163	2163
Max horizontal projection of end door (E)	mm	1108	1108	1108
Max horizontal projection of doors at each side (F)	mm	1108	1108	1108

Weight

Incl. coolant and oil, excl. batteries and fuel	kg	4410 (calculated)	4410 (calculated)	4410 (calculated)
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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%.



تهران، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج)

روبروی پالایشگاه نفت پارس، پلاک ۱۲



SCANIA GENSET SG310

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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.

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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	SG310	SG310
Application	Prime	Standby
50Hz, 380-415V, 200/115V	280 kVA 225 kWe	310 kVA 250 kWe
60Hz, 440-480V	305 kVA 245 kWe	345 kVA 275 kWe
60Hz, 200/115V	305 kVA 245 kWe	340 kVA 270 kWe

Ratings at 0.8 pf

Genset images may include optional extras.

www.famcocorp.com
E-mail: info@famcocorp.com
@famco_group

Tel: ۰۲۱-۴۸۰۰۰۰۴۹
Fax: ۰۲۱-۴۴۹۹۴۶۴۲

تهران، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج)
روبروی پالایشگاه نفت پارس، پلاک ۱۲

1,500rpm Genset specification	Unit	Scania50Hz, 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	1075	1075	1075

Fuel consumption

110%	L/h	67	64	72
100%	L/h	61	57	65
75%	L/h	48	42	48
50%	L/h	32	29	33

Technical data

Heat rejection to exhaust system	kW	197	194	234
Heat rejection to cooling system	kW	116	93	102
Exhaust temperature	°C	515	471	493
Combustion air flow	kg/min	21	23	27

Sound power levels

Sound power level Canopy STD (Non-CE)	dB LWA	NA	99	TBA
Sound power level Canopy CE	dB LWA	97	97	TBA
1 m, 75% load	dB (A)	79	79	TBA
7 m, 75% load	dB (A)	70	70	TBA
15 m, 75% load	dB (A)	65	65	TBA

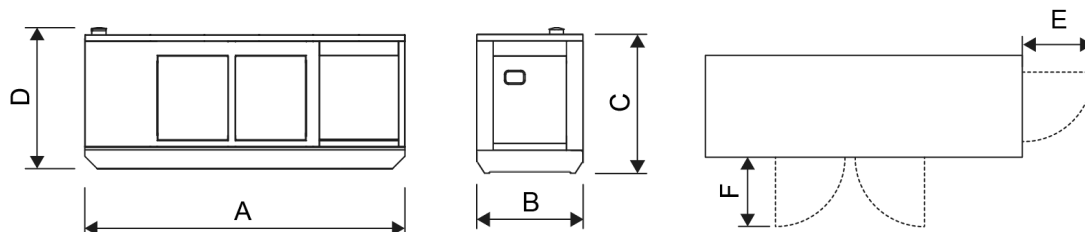
Dimensions

Length (A)	mm	5000	5000	5000
Width (B)	mm	1600	1600	1600
Height (C)	mm	2100	2100	2100
Total height of exhaust rain cap (D)	mm	2163	2163	2163
Max horizontal projection of end door (E)	mm	1108	1108	1108
Max horizontal projection of doors at each side (F)	mm	1108	1108	1108

Weight

Incl. coolant and oil, excl. batteries and fuel	kg	4500 (calculated)	4500 (calculated)	4500 (calculated)
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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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www.famcocorp.com

E-mail: info@famcocorp.com

@famco_group

Tel: ۰۲۱-۴۸۰۰۰۰۴۹

Fax: ۰۲۱-۴۴۹۹۴۶۴۲



SCANIA GENSET SG330

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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.

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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	SG330	SG330
Application	Prime	Standby
50Hz, 380-415V, 200/115V	300 kVA 240 kWe	330 kVA 265 kWe
60Hz, 440-480V	325 kVA 260 kWe	370 kVA 295 kWe
60Hz, 200/115V	325 kVA 260 kWe	365 kVA 290 kWe

Ratings at 0.8 pf

Genset images may include optional extras.

www.famcocorp.com

E-mail: info@famcocorp.com

@famco_group

Tel: ۰۲۱-۴۸۰۰۰۰۴۹

Fax: ۰۲۱-۴۴۹۹۴۶۴۲

تهران، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج)

روبروی پالایشگاه نفت پارس، پلاک ۱۲

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	1075	1075	1075

Fuel consumption

110%	L/h	71	69	78
100%	L/h	65	62	70
75%	L/h	51	45	51
50%	L/h	34	30	35

Technical data

Heat rejection to exhaust system	kW	217	214	292
Heat rejection to cooling system	kW	109	102	123
Exhaust temperature	°C	532	506	563
Combustion air flow	kg/min	22	23	28

Sound power levels

Sound power level Canopy STD (Non-CE)	dB LWA	NA	99	TBA
Sound power level Canopy CE	dB LWA	97	97	TBA
1 m, 75% load	dB (A)	79	79	TBA
7 m, 75% load	dB (A)	70	70	TBA
15 m, 75% load	dB (A)	65	65	TBA

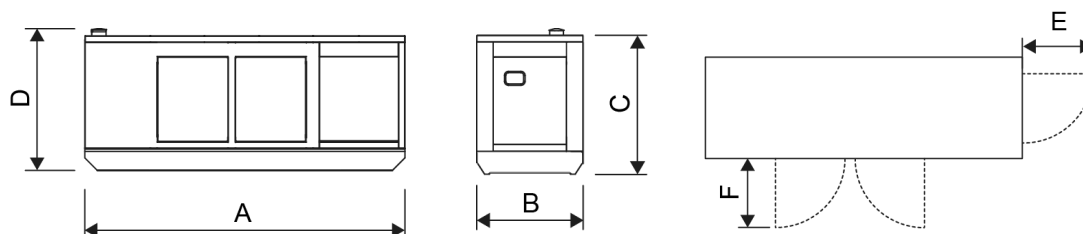
Dimensions

Length (A)	mm	5000	5000	5000
Width (B)	mm	1600	1600	1600
Height (C)	mm	2100	2100	2100
Total height of exhaust rain cap (D)	mm	2163	2163	2163
Max horizontal projection of end door (E)	mm	1108	1108	1108
Max horizontal projection of doors at each side (F)	mm	1108	1108	1108

Weight

Incl. coolant and oil, excl. batteries and fuel	kg	4500 (calculated)	4500 (calculated)	4500 (calculated)
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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%.





SCANIA GENSET SG360

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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	SG360	SG360
Application	Prime	Standby
50Hz, 380-415V, 200/115V	330 kVA 265 kWe	360 kVA 290 kWe
60Hz, 440-480V	365 kVA 290 kWe	415 kVA 330 kWe
60Hz, 200/115V	365 kVA 290 kWe	395 kVA 315 kWe

Ratings at 0.8 pf

Genset images may include optional extras.

www.famcocorp.com

E-mail: info@famcocorp.com

@famco_group

Tel: ۰۲۱-۴۸۰۰۰۰۴۹

Fax: ۰۲۱-۴۴۹۹۴۶۴۲

تهران، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج)

روبروی پالایشگاه نفت پارس، پلاک ۱۲

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	1075	1075	1075

Fuel consumption

110%	L/h	76	75	87
100%	L/h	70	68	79
75%	L/h	55	49	57
50%	L/h	37	33	38

Technical data

Heat rejection to exhaust system	kW	235	232	292
Heat rejection to cooling system	kW	111	109	123
Exhaust temperature	°C	526	525	563
Combustion air flow	kg/min	24	24	28

Sound power levels

Sound power level Canopy STD (Non-CE)	dB LWA	NA	99	TBA
Sound power level Canopy CE	dB LWA	97	97	TBA
1 m, 75% load	dB (A)	79	79	TBA
7 m, 75% load	dB (A)	70	70	TBA
15 m, 75% load	dB (A)	65	65	TBA

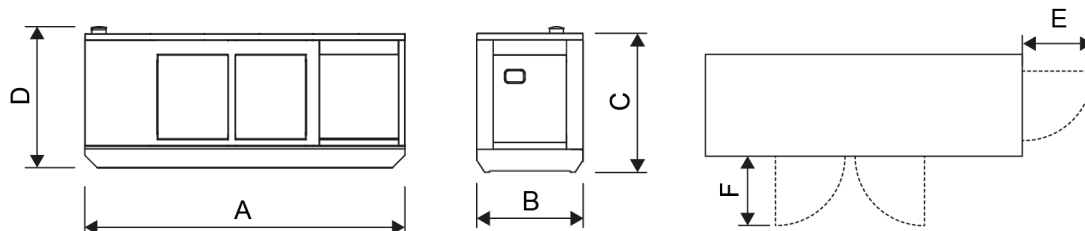
Dimensions

Length (A)	mm	5000	5000	5000
Width (B)	mm	1600	1600	1600
Height (C)	mm	2100	2100	2100
Total height of exhaust rain cap (D)	mm	2163	2163	2163
Max horizontal projection of end door (E)	mm	1108	1108	1108
Max horizontal projection of doors at each side (F)	mm	1108	1108	1108

Weight

Incl. coolant and oil, excl. batteries and fuel	kg	4770 (calculated)	4770 (calculated)	4770 (calculated)
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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%.



تهران، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج)
 روبروی پالایشگاه نفت پارس، پلاک ۱۲



SCANIA GENSET SG375

FAMCO
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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.

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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	SG375	SG375
Application	Prime	Standby
50Hz, 380-415V, 200/115V	350 kVA 280 kWe	375 kVA 300 kWe
60Hz, 440-480V, 200/115V	390 kVA 310 kWe	440 kVA 350 kWe

Ratings at 0.8 pf

Genset images may include optional extras.

www.famcocorp.com

E-mail: info@famcocorp.com

@famco_group

Tel: ۰۲۱-۴۸۰۰۰۰۴۹

Fax: ۰۲۱-۴۴۹۹۴۶۴۲

تهران، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج)

روبروی پالایشگاه نفت پارس، پلاک ۱۲

Genset specification	Unit	50Hz, 1,500rpm EU Stage IIIA compliant	50Hz, 1,500rpm Fuel optimized	60Hz, 1,800rpm Fuel optimized
Scania engine type		DC13 071A	DC13 072A	DC13 072A
Number of cylinders		6 in-line	6 in-line	6 in-line
Displacement	litre	12.7	12.7	12.7
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	1075	1075	1075

Fuel consumption

110%	L/h	86	78	93
100%	L/h	79	71	83
75%	L/h	59	53	62
50%	L/h	40	37	43

Technical data

Heat rejection to exhaust system	kW	252	229	283
Heat rejection to cooling system	kW	150	111	125
Exhaust temperature	°C	513	485	484
Combustion air flow	kg/min	27	27	33

Sound power levels

Sound power level Canopy STD (Non-CE)	dB LWA	NA	99	TBA
Sound power level Canopy CE	dB LWA	97	97	TBA
1 m, 75% load	dB (A)	79	79	TBA
7 m, 75% load	dB (A)	70	70	TBA
15 m, 75% load	dB (A)	65	65	TBA

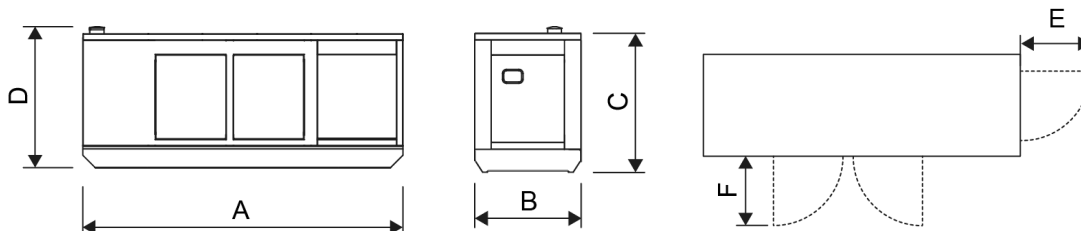
Dimensions

Length (A)	mm	5000	5000	5000
Width (B)	mm	1600	1600	1600
Height (C)	mm	2100	2100	2100
Total height of exhaust rain cap (D)	mm	2163	2163	2163
Max horizontal projection of end door (E)	mm	1108	1108	1108
Max horizontal projection of doors at each side (F)	mm	1108	1108	1108

Weight

Incl. coolant and oil, excl. batteries and fuel	kg	4735 (calculated)	4735 (calculated)	4735 (calculated)
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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%.



تهران، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج)

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www.famcocorp.com

E-mail: info@famcocorp.com

@famco_group

Tel: ۰۲۱-۴۸۰۰۰۰۴۹

Fax: ۰۲۱-۴۴۹۹۴۶۴۲



SCANIA GENSET SG400

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

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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	SG400	SG400
Application	Prime	Standby
50Hz, 380-415V, 200/115V	370 kVA 295 kWe	400 kVA 320 kWe
60Hz, 440-480V	415 kVA 330 kWe	465 kVA 370 kWe
60Hz, 200/115V	415 kVA 330 kWe	455 kVA 365 kWe

Ratings at 0.8 pf

Genset images may include optional extras.

www.famcocorp.com

E-mail: info@famcocorp.com

@famco_group

Tel: ۰۲۱-۴۸۰۰۰۰۴۹

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تهران، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج)

روبروی پالایشگاه نفت پارس، پلاک ۱۲

Genset specification	Unit	50Hz, 1,500rpm EU Stage IIIA compliant	50Hz, 1,500rpm Fuel optimized	60Hz, 1,800rpm Fuel optimized
Scania engine type		DC13 071A	DC13 072A	DC13 072A
Number of cylinders		6 in-line	6 in-line	6 in-line
Displacement	litre	12.7	12.7	12.7
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	1075	1075	1075

Fuel consumption

110%	L/h	86	87	93
100%	L/h	79	79	83
75%	L/h	59	60	62
50%	L/h	40	41	43

Technical data

Heat rejection to exhaust system	kW	252	229	252
Heat rejection to cooling system	kW	150	111	150
Exhaust temperature	°C	513	485	513
Combustion air flow	kg/min	27	27	27

Sound power levels

Sound power level Canopy STD (Non-CE)	dB LWA	NA	99	TBA
Sound power level Canopy CE	dB LWA	97	97	TBA
1 m, 75% load	dB (A)	79	79	TBA
7 m, 75% load	dB (A)	70	70	TBA
15 m, 75% load	dB (A)	65	65	TBA

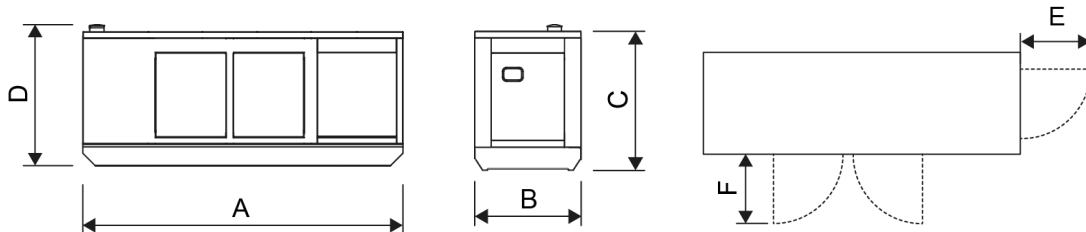
Dimensions

Length (A)	mm	5000	5000	5000
Width (B)	mm	1600	1600	1600
Height (C)	mm	2100	2100	2100
Total height of exhaust rain cap (D)	mm	2163	2163	2163
Max horizontal projection of end door (E)	mm	1108	1108	1108
Max horizontal projection of doors at each side (F)	mm	1108	1108	1108

Weight

Incl. coolant and oil, excl. batteries and fuel	kg	4870 (calculated)	4870 (calculated)	4870 (calculated)
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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%.



تهران، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج)
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SCANIA GENSET SG440

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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	SG440	SG440
Application	Prime	Standby
50Hz, 380-415V, 200/115V	400 kVA 320 kWe	440 kVA 350 kWe
60Hz, 440-480V, 200/115V	430 kVA 345 kWe	500 kVA 400 kWe

Ratings at 0.8 pf

Genset images may include optional extras.

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E-mail: info@famcocorp.com

@famco_group

Tel: ۰۲۱-۴۸۰۰۰۰۴۹

Fax: ۰۲۱-۴۴۹۹۴۶۴۲

تهران، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج)

روبروی پالایشگاه نفت پارس، پلاک ۱۲

Genset specification	Unit	50Hz, 1,500rpm EU Stage IIIA compliant	50Hz, 1,500rpm Fuel optimized	60Hz, 1,800rpm Fuel optimized
Scania engine type		DC13 071A	DC13 072A	DC13 072A
Number of cylinders		6 in-line	6 in-line	6 in-line
Displacement	litre	12.7	12.7	12.7
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	1075	1075	1075

Fuel consumption

110%	L/h	94	86	105
100%	L/h	87	77	93
75%	L/h	66	58	68
50%	L/h	44	39	47

Technical data

Heat rejection to exhaust system	kW	276	271	324
Heat rejection to cooling system	kW	148	119	143
Exhaust temperature	°C	513	509	524
Combustion air flow	kg/min	29	30	35

Sound power levels

Sound power level Canopy STD (Non-CE)	dB LWA	NA	102	TBA
Sound power level Canopy CE	dB LWA	98	98	TBA
1 m, 75% load	dB (A)	79	79	TBA
7 m, 75% load	dB (A)	70	70	TBA
15 m, 75% load	dB (A)	65	65	TBA

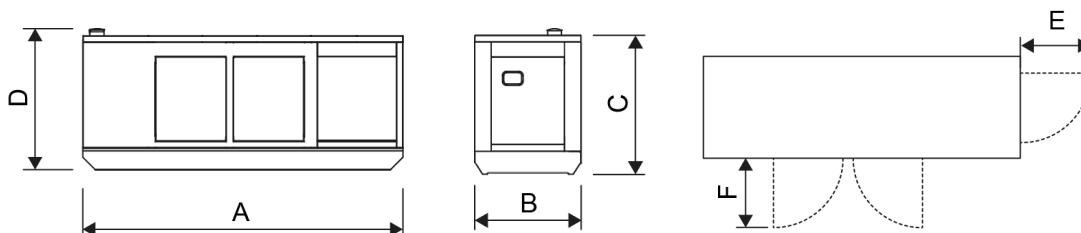
Dimensions

Length (A)	mm	5000	5000	5000
Width (B)	mm	1600	1600	1600
Height (C)	mm	2100	2100	2100
Total height of exhaust rain cap (D)	mm	2163	2163	2163
Max horizontal projection of end door (E)	mm	1108	1108	1108
Max horizontal projection of doors at each side (F)	mm	1108	1108	1108

Weight

Incl. coolant and oil, excl. batteries and fuel	kg	4870 (calculated)	4870 (calculated)	4870 (calculated)
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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%.



تهران، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج)

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SCANIA GENSET SG460

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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	SG460	SG460
Application	Prime	Standby
50Hz, 380-415V, 200/115V	410 kVA 330 kWe	460 kVA 370 kWe
60Hz, 440-480V, 200/115V	450 kVA 360 kWe	515 kVA 410 kWe

Ratings at 0.8 pf

Genset images may include optional extras.

www.famcocorp.com

E-mail: info@famcocorp.com

@famco_group

Tel: ۰۲۱-۴۸۰۰۰۰۴۹

Fax: ۰۲۱-۴۴۹۹۴۶۴۲

تهران، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج)

روبروی پالایشگاه نفت پارس، پلاک ۱۲

Genset specification	Unit	50Hz, 1,500rpm EU Stage IIIA compliant	50Hz, 1,500rpm Fuel optimized	60Hz, 1,800rpm Fuel optimized
Scania engine type		DC13 071A	DC13 072A	DC13 072A
Number of cylinders		6 in-line	6 in-line	6 in-line
Displacement	litre	12.7	12.7	12.7
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	1075	1075	1075

Fuel consumption

110%	L/h	94	89	105
100%	L/h	87	79	93
75%	L/h	66	60	68
50%	L/h	44	40	47

Technical data

Heat rejection to exhaust system	kW	276	271	324
Heat rejection to cooling system	kW	148	119	143
Exhaust temperature	°C	513	509	524
Combustion air flow	kg/min	29	30	35

Sound power levels

Sound power level Canopy STD (Non-CE)	dB LWA	NA	102	TBA
Sound power level Canopy CE	dB LWA	98	98	TBA
1 m, 75% load	dB (A)	79	79	TBA
7 m, 75% load	dB (A)	70	70	TBA
15 m, 75% load	dB (A)	65	65	TBA

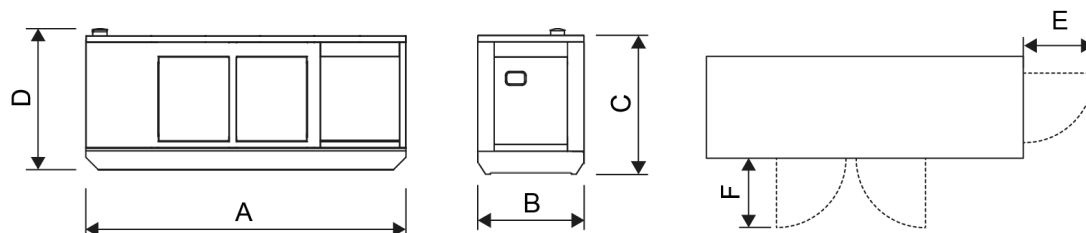
Dimensions

Length (A)	mm	5000	5000	5000
Width (B)	mm	1600	1600	1600
Height (C)	mm	2100	2100	2100
Total height of exhaust rain cap (D)	mm	2163	2163	2163
Max horizontal projection of end door (E)	mm	1108	1108	1108
Max horizontal projection of doors at each side (F)	mm	1108	1108	1108

Weight

Incl. coolant and oil, excl. batteries and fuel	kg	4950 (calculated)	4950 (calculated)	4950 (calculated)
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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%.





SCANIA GENSET SG500

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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 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	SG500	SG500
Application	Prime	Standby
50Hz, 380-415V, 200/115V	450 kVA 360 kWe	500 kVA 400 kWe
60Hz, 440-480V, 200/115V	500 kVA 400 kWe	555 kVA 445 kWe

Ratings at 0.8 pf

Genset images may include optional extras.

www.famcocorp.com

E-mail: info@famcocorp.com

@famco_group

Tel: ۰۲۱-۴۸۰۰۰۰۴۹

Fax: ۰۲۱-۴۴۹۹۴۶۴۲

تهران، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج)

روبروی پالایشگاه نفت پارس، پلاک ۱۲

Genset specification	Unit	50Hz, 1,500rpm Fuel optimized	60Hz, 1,800rpm Fuel optimized
Scania engine type		DC13 072A	DC13 072A
Number of cylinders		6 in-line	6 in-line
Displacement	litre	12.7	12.7
Aspiration		Turbocharged	Turbocharged
Alternator		MeccAlte	MeccAlte
Frequency	Hz	50	60
Engine speed	rpm	1,500	1,800
Fuel tank capacity	litre	1075	1075

Fuel consumption

110%	L/h	101	116
100%	L/h	89	103
75%	L/h	66	74
50%	L/h	44	50

Technical data

Heat rejection to exhaust system	kW	309	358
Heat rejection to cooling system	kW	134	166
Exhaust temperature	°C	536	557
Combustion air flow	kg/min	32	36

Sound power levels

Sound power level Canopy STD (Non-CE)	dB LWA	102	TBA
Sound power level Canopy Canopy CE	dB LWA	98	TBA
1 m, 75% load	dB (A)	79	TBA
7 m, 75% load	dB (A)	70	TBA
15 m, 75% load	dB (A)	65	TBA

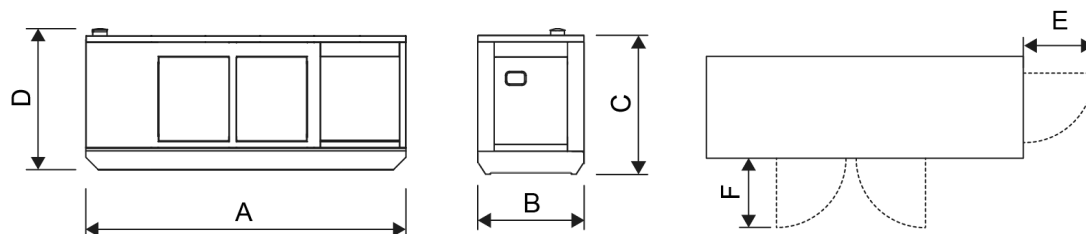
Dimensions

Length (A)	mm	5000	5000
Width (B)	mm	1600	1600
Height (C)	mm	2100	2100
Total height of exhaust rain cap (D)	mm	2163	2163
Max horizontal projection of end door (E)	mm	1108	1108
Max horizontal projection of doors at each side (F)	mm	1108	1108

Weight

Incl. coolant and oil, excl. batteries and fuel	kg	4950 (calculated)	4950 (calculated)
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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%.



تهران، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج)

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www.famcocorp.com

E-mail: info@famcocorp.com

@famco_group

Tel: ۰۲۱-۴۸۰۰۰۰۴۹

Fax: ۰۲۱-۴۴۹۹۴۶۴۲



SCANIA GENSET SG550

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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	SG550	SG550
Application	Prime	Standby
50Hz, 380-415V, 200/115V	500 kVA 400 kWe	550 kVA 440 kWe
60Hz, 200/115V	505 kVA 405 kWe	550 kVA 440 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		DC16 071A	DC13 072A	DC13 072A
Number of cylinders		V 8	6 in-line	6 in-line
Displacement	litre	16.4	12.7	12.7
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	1200	1075	1075

Fuel consumption

110%	L/h	116	112	116
100%	L/h	106	100	103
75%	L/h	82	72	74
50%	L/h	55	48	50

Heat rejection to exhaust system	kW	339	344	358
Heat rejection to cooling system	kW	202	158	166
Exhaust temperature	°C	542	563	557
Combustion air flow	kg/min	34	34	36

Sound power levels

Sound power level Canopy STD (Non-CE)	dB LWA		102	TBA
Sound power level Canopy CE	dB LWA	TBA	98	TBA
1 m, 75% load	dB (A)	TBA	79	TBA
7 m, 75% load	dB (A)	TBA	70	TBA
15 m, 75% load	dB (A)	TBA	65	TBA

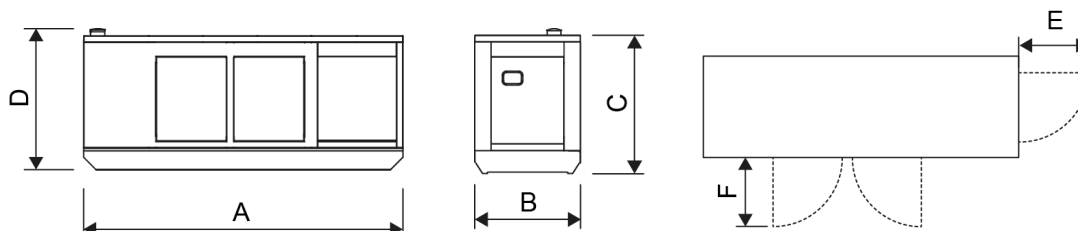
Dimensions

Length (A)	mm	5400	5000	5000
Width (B)	mm	1750	1600	1600
Height (C)	mm	2100	2100	2100
Total height of exhaust rain cap (D)	mm	2163	2163	2163
Max horizontal projection of end door (E)	mm	1108	1108	1108
Max horizontal projection of doors at each side (F)	mm	1108	1108	1108

Weight

Incl. coolant and oil, excl. batteries and fuel	kg	6300	5000	5000
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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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SCANIA GENSET SG600

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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

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@famco_group

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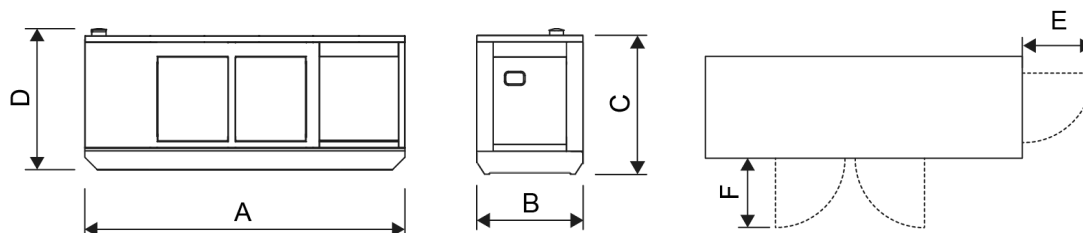
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روبروی پالایشگاه نفت پارس، پلاک ۱۲

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%.





SCANIA GENSET SG660

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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 - Maximum stand-by 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	SG660	SG660
Application	PRP	ESP
50Hz, 380-415 V	600 kVA 480 kW _e	660 kVA 528 kW _e
	Ratings at 0.8 pf	

Genset images may include optional extras.

www.famcocorp.com

E-mail: info@famcocorp.com

@famco_group

Tel: ۰۲۱-۴۸۰۰۰۰۴۹

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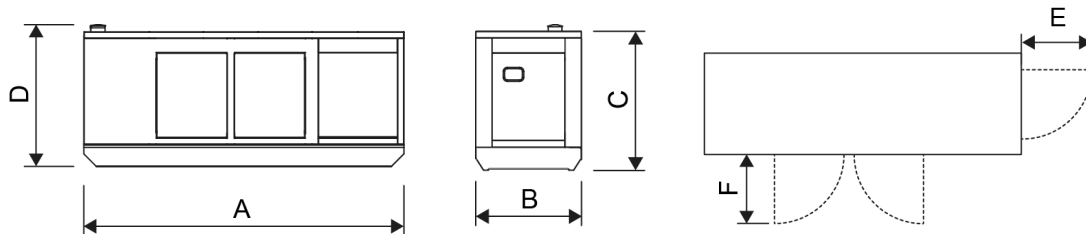
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روبروی پالایشگاه نفت پارس، پلاک ۱۲



Genset specification	Unit	50Hz, 1,500rpm Fuel optimized
Scania engine type		DC16 078A
Number of cylinders		V8
Displacement	litre	16.4
Aspiration		Turbocharged
Alternator		Stamford
Frequency	Hz	50
Engine speed	rpm	1,500
Fuel tank capacity	litre	1200
Fuel consumption (PRP)		
100%	L/h	122
75%	L/h	90
50%	L/h	61
Technical data		
Heat rejection to exhaust system	kW	349
Heat rejection to cooling system	kW	175
Exhaust temperature	°C	474
Combustion air flow	kg/min	41
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	6710

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%.





SCANIA GENSET SG715

FAMCO
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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 - Maximum stand-by 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.

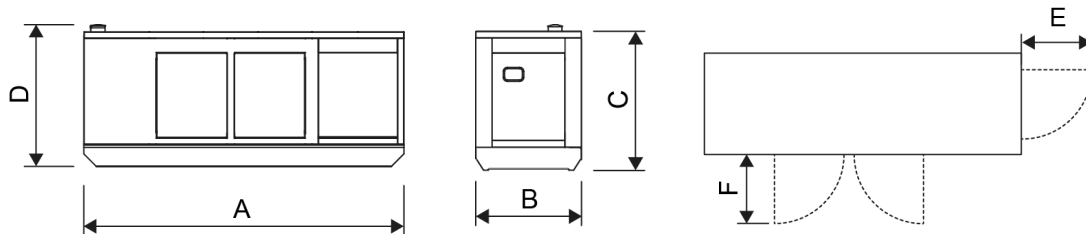
Genset type	SG715	SG715
Application	PRP	ESP
50Hz, 380-415 V	650 kVA 520 kW _e	715 kVA 572 kW _e
	Ratings at 0.8 pf	

Genset images may include optional extras.



Genset specification	Unit	50Hz, 1,500rpm Fuel optimized
Scania engine type		DC16 078A
Number of cylinders		V8
Displacement	litre	16.4
Aspiration		Turbocharged
Alternator		Stamford
Frequency	Hz	50
Engine speed	rpm	1,500
Fuel tank capacity	litre	1200
Fuel consumption (PRP)		
100%	L/h	132
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	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	6710

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%.



تهران، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج)
روبروی پالایشگاه نفت پارس، پلاک ۱۲

www.famcocorp.com
E-mail: info@famcocorp.com
@famco_group

Tel: ۰۲۱-۴۸۰۰۰۰۴۹
Fax: ۰۲۱-۴۴۹۹۴۶۴۲



SCANIA GENSET SG770

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.

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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 - Maximum stand-by 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	SG770	SG770
Application	PRP	ESP
50Hz, 380-415 V	700 kVA 560 kWe	770 kVA 616 kWe
	Ratings at 0.8 pf	

Genset images may include optional extras.

www.famcocorp.com

E-mail: info@famcocorp.com

@famco_group

Tel: ۰۲۱-۴۸۰۰۰۰۴۹

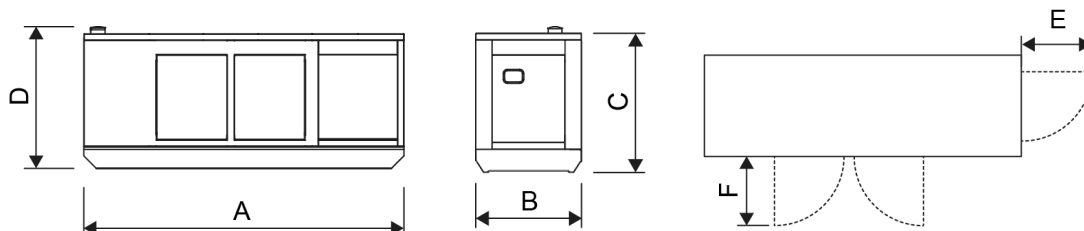
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تهران، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج)

روبروی پالایشگاه نفت پارس، پلاک ۱۲

Genset specification	Unit	50Hz, 1,500rpm Fuel optimized
Scania engine type		DC16 078A
Number of cylinders		V8
Displacement	litre	16.4
Aspiration		Turbocharged
Alternator		MeccAlte
Frequency	Hz	50
Engine speed	rpm	1,500
Fuel tank capacity	litre	1200
Fuel consumption (PRP)		
100%	L/h	142
75%	L/h	105
50%	L/h	70
Technical data		
Heat rejection to exhaust system	kW	414
Heat rejection to cooling system	kW	192
Exhaust temperature	°C	524
Combustion air flow	kg/min	45
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	6710

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%.





SCANIA GENSET SG280

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.

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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.

www.famcocorp.com

E-mail: info@famcocorp.com

@famco_group

Tel: ۰۲۱-۴۸۰۰۰۰۴۹

Fax: ۰۲۱-۴۴۹۹۴۶۴۲

تهران، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج)

روبروی پالایشگاه نفت پارس، پلاک ۱۲



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
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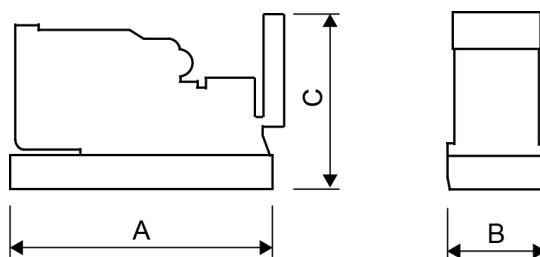
Dimensions

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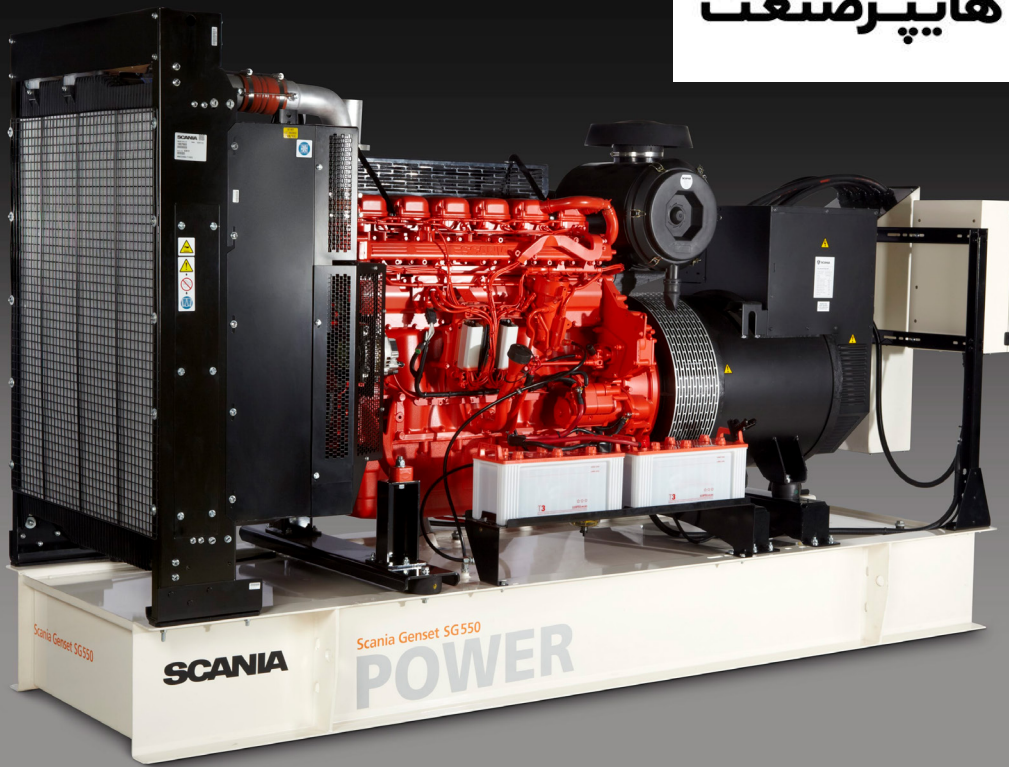
Test conditions Air temperature +25°C. Barometric pressure 100 kPa (750 mmHg). Humidity 30%. Diesel fuel acc. to ECE R 24 Annex 6. Density of fuel 0.840 kg/dm³. Viscosity of fuel 3.0 cSt at 40°C. Energy value 42700 kJ/kg. **Power test code** ISO 3046. Power and fuel values ±3%.





SCANIA GENSET SG310

FAMCO
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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.

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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	SG310	SG310
Application	Prime	Standby
50Hz, 380-415V, 200/115V	280 kVA 225 kWe	310 kVA 250 kWe
60Hz, 440-480V	305 kVA 245 kWe	345 kVA 275 kWe
60Hz, 200/115V	305 kVA 245 kWe	340 kVA 270 kWe

Ratings at 0.8 pf

Genset images may include optional extras.

www.famcocorp.com

E-mail: info@famcocorp.com

@famco_group

Tel: ۰۲۱-۴۸۰۰۰۰۴۹

Fax: ۰۲۱-۴۴۹۹۴۶۴۲

تهران، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج)

روبروی پالایشگاه نفت پارس، پلاک ۱۲

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	67	64	72
100%	L/h	61	57	65
75%	L/h	48	42	48
50%	L/h	32	29	33

Technical data

Heat rejection to exhaust system	kW	197	194	234
Heat rejection to cooling system	kW	116	93	102
Exhaust temperature	°C	515	471	493
Combustion air flow	kg/min	21	23	27

Exhaust noise from engine

1 m after turbocharger at max. power	dB (A)	117	117	119
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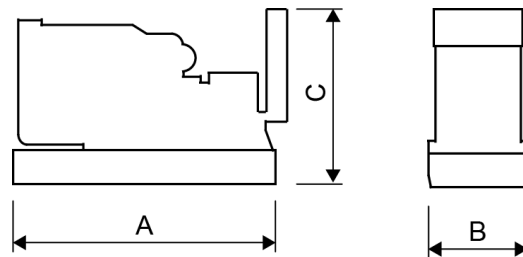
Dimensions

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	2800 (calculated)	2800 (calculated)	2800 (calculated)
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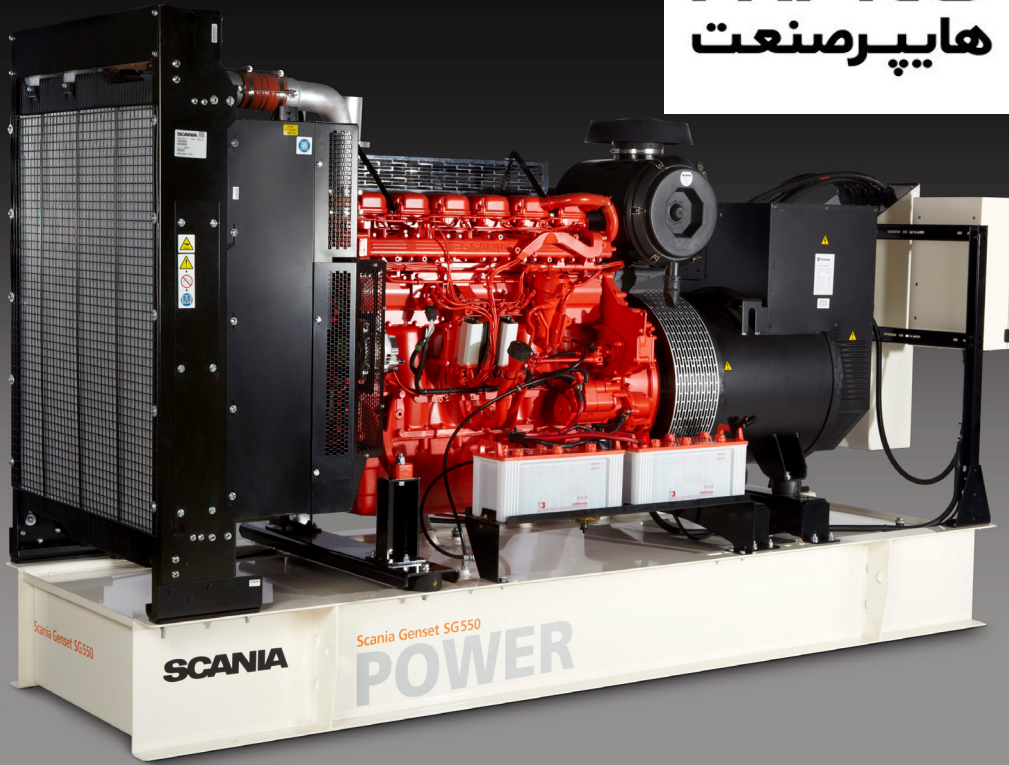
Test conditions Air temperature +25°C. Barometric pressure 100 kPa (750 mmHg). Humidity 30%. Diesel fuel acc. to ECE R 24 Annex 6. Density of fuel 0.840 kg/dm³. Viscosity of fuel 3.0 cSt at 40°C. Energy value 42700 kJ/kg. **Power test code** ISO 3046. Power and fuel values ±3%.





SCANIA GENSET SG330

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.

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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	SG330	SG330
Application	Prime	Standby
50Hz, 380-415V, 200/115V	300 kVA 240 kWe	330 kVA 265 kWe
60Hz, 440-480V	325 kVA 260 kWe	370 kVA 295 kWe
60Hz, 200/115V	325 kVA 260 kWe	365 kVA 290 kWe

Ratings at 0.8 pf

Genset images may include optional extras.

www.famcocorp.com

E-mail: info@famcocorp.com

@famco_group

Tel: ۰۲۱-۴۸۰۰۰۰۴۹

Fax: ۰۲۱-۴۴۹۹۴۶۴۲

تهران، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج)

روبروی پالایشگاه نفت پارس، پلاک ۱۲

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	71	69	78
100%	L/h	65	62	70
75%	L/h	51	45	51
50%	L/h	35	30	35

Technical data

Heat rejection to exhaust system	kW	217	214	292
Heat rejection to cooling system	kW	109	102	123
Exhaust temperature	°C	532	506	563
Combustion air flow	kg/min	22	23	28

Exhaust noise from engine

1 m after turbocharger at max. power	dB (A)	117	117	119
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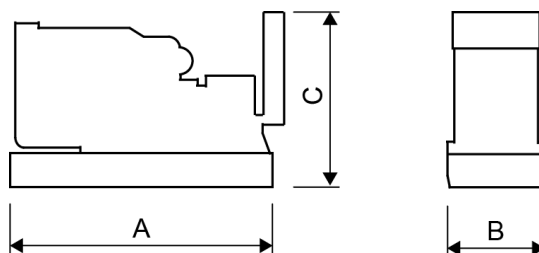
Dimensions

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	2800 (calculated)	2800 (calculated)	2800 (calculated)
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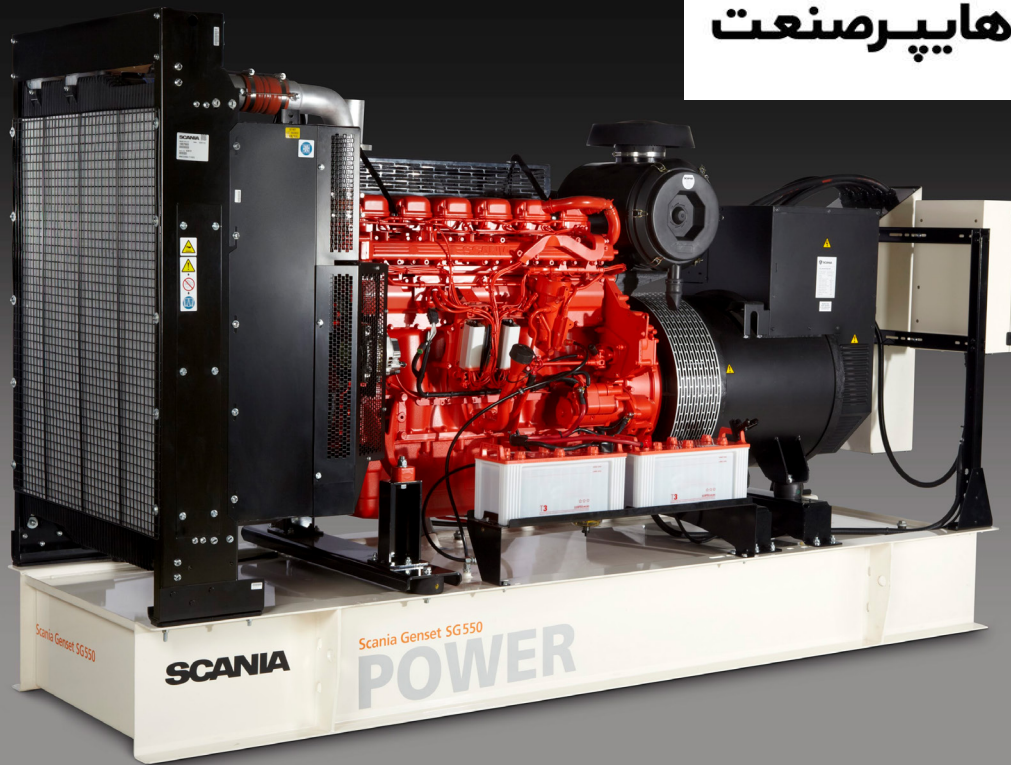
Test conditions Air temperature +25°C. Barometric pressure 100 kPa (750 mmHg). Humidity 30%. Diesel fuel acc. to ECE R 24 Annex 6. Density of fuel 0.840 kg/dm³. Viscosity of fuel 3.0 cSt at 40°C. Energy value 42700 kJ/kg. **Power test code** ISO 3046. Power and fuel values ±3%.





SCANIA GENSET SG360

FAMCO
هایپر صنعت



A perfect power package.

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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	SG360	SG360
Application	Prime	Standby
50Hz, 380-415V, 200/115V	330 kVA 265 kWe	360 kVA 290 kWe
60Hz, 440-480V	365 kVA 290 kWe	415 kVA 330 kWe
60Hz, 200/115V	365 kVA 290 kWe	395 kVA 315 kWe

Ratings at 0.8 pf

Genset images may include optional extras.

www.famcocorp.com

E-mail: info@famcocorp.com

@famco_group

Tel: ۰۲۱-۴۸۰۰۰۰۴۹

Fax: ۰۲۱-۴۴۹۹۴۶۴۲

تهران، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج)

روبروی پالایشگاه نفت پارس، پلاک ۱۲

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	76	75	87
100%	L/h	70	68	79
75%	L/h	55	49	57
50%	L/h	37	33	38

Technical data

Heat rejection to exhaust system	kW	235	232	292
Heat rejection to cooling system	kW	111	109	123
Exhaust temperature	°C	526	525	563
Combustion air flow	kg/min	24	24	28

Exhaust noise from engine

1 m after turbocharger at max. power	dB (A)	117	117	119
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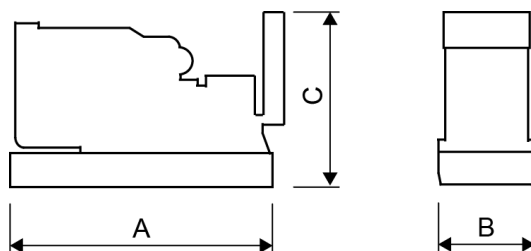
Dimensions

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	3070 (calculated)	3070 (calculated)	3070 (calculated)
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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%.





SCANIA GENSET SG375

FAMCO
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A perfect power package.

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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	SG375	SG375
Application	Prime	Standby
50Hz, 380-415V, 200/115V	350 kVA 280 kWe	375 kVA 300 kWe
60Hz, 440-480V, 200/115V	390 kVA 310 kWe	440 kVA 350 kWe

Ratings at 0.8 pf

Genset images may include optional extras.

www.famcocorp.com

E-mail: info@famcocorp.com

@famco_group

Tel: ۰۲۱-۴۸۰۰۰۰۴۹

Fax: ۰۲۱-۴۴۹۹۴۶۴۲

تهران، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج)

روبروی پالایشگاه نفت پارس، پلاک ۱۲



Genset specification	Unit	50Hz, 1,500rpm EU Stage IIIA compliant	50Hz, 1,500rpm Fuel optimized	60Hz, 1,800rpm Fuel optimized
Scania engine type		DC13 071A	DC13 072A	DC13 072A
Number of cylinders		6 in-line	6 in-line	6 in-line
Displacement	litre	12.7	12.7	12.7
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	86	78	93
100%	L/h	79	71	83
75%	L/h	59	53	62
50%	L/h	40	36	43

Technical data

Heat rejection to exhaust system	kW	252	229	283
Heat rejection to cooling system	kW	150	111	125
Exhaust temperature	°C	513	485	484
Combustion air flow	kg/min	27	27	33

Exhaust noise from engine

1 m after turbocharger at max. power	dB (A)	118	118	120
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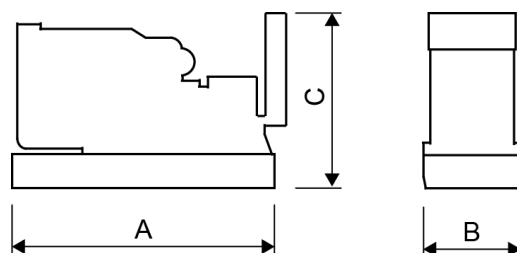
Dimensions

Length (A)	mm	3831	3831	3831
Width (B)	mm	1120	1120	1120
Height (C)	mm	2138	2138	2138

Weight

Incl. coolant and oil, excl. batteries and fuel	kg	3035 (calculated)	3035 (calculated)	3035 (calculated)
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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%.





SCANIA GENSET SG400

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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	SG400	SG400
Application	Prime	Standby
50Hz, 380-415V, 200/115V	370 kVA 295 kWe	400 kVA 320 kWe
60Hz, 440-480V	415 kVA 330 kWe	465 kVA 370 kWe
60Hz, 200/115V	415 kVA 330 kWe	455 kVA 365 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		DC13 071A	DC13 072A	DC13 072A
Number of cylinders		6 in-line	6 in-line	6 in-line
Displacement	litre	12.7	12.7	12.7
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	86	87	93
100%	L/h	79	79	83
75%	L/h	59	60	62
50%	L/h	40	41	43

Technical data

Heat rejection to exhaust system	kW	252	229	252
Heat rejection to cooling system	kW	150	111	150
Exhaust temperature	°C	513	485	513
Combustion air flow	kg/min	27	27	27

Exhaust noise from engine

1 m after turbocharger at max. power	dB (A)	118	118	120
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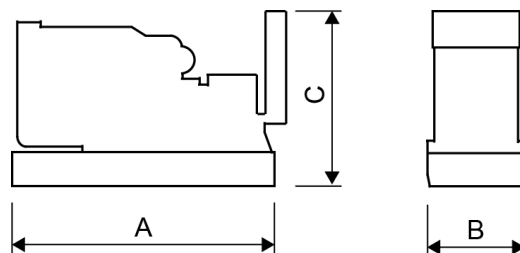
Dimensions

Length (A)	mm	3831	3831	3831
Width (B)	mm	1120	1120	1120
Height (C)	mm	2138	2138	2138

Weight

Incl. coolant and oil, excl. batteries and fuel	kg	3170 (calculated)	3170 (calculated)	3170 (calculated)
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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%.





SCANIA GENSET SG440

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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	SG440	SG440
Application	Prime	Standby
50Hz, 380-415V, 200/115V	400 kVA 320 kWe	440 kVA 350 kWe
60Hz, 440-480V, 200/115V	430 kVA 345 kWe	500 kVA 400 kWe

Ratings at 0.8 pf

Genset images may include optional extras.

www.famcocorp.com

E-mail: info@famcocorp.com

@famco_group

Tel: ۰۲۱-۴۸۰۰۰۰۴۹

Fax: ۰۲۱-۴۴۹۹۴۶۴۲

تهران، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج)

روبروی پالایشگاه نفت پارس، پلاک ۱۲

Genset specification	Unit	50Hz, 1,500rpm EU Stage IIIA compliant	50Hz, 1,500rpm Fuel optimized	60Hz, 1,800rpm Fuel optimized
Scania engine type		DC13 071A	DC13 072A	DC13 072A
Number of cylinders		6 in-line	6 in-line	6 in-line
Displacement	litre	12.7	12.7	12.7
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	94	86	105
100%	L/h	88	77	93
75%	L/h	66	58	68
50%	L/h	44	39	47

Technical data

Heat rejection to exhaust system	kW	276	271	324
Heat rejection to cooling system	kW	148	119	143
Exhaust temperature	°C	513	509	524
Combustion air flow	kg/min	29	30	35

Exhaust noise from engine

1 m after turbocharger at max. power	dB (A)	118	118	120
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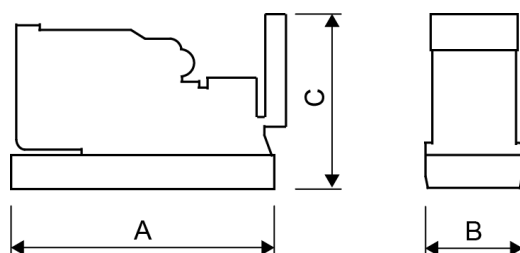
Dimensions

Length (A)	mm	3831	3831	3831
Width (B)	mm	1120	1120	1120
Height (C)	mm	2138	2138	2138

Weight

Incl. coolant and oil, excl. batteries and fuel	kg	3170 (calculated)	3170 (calculated)	3170 (calculated)
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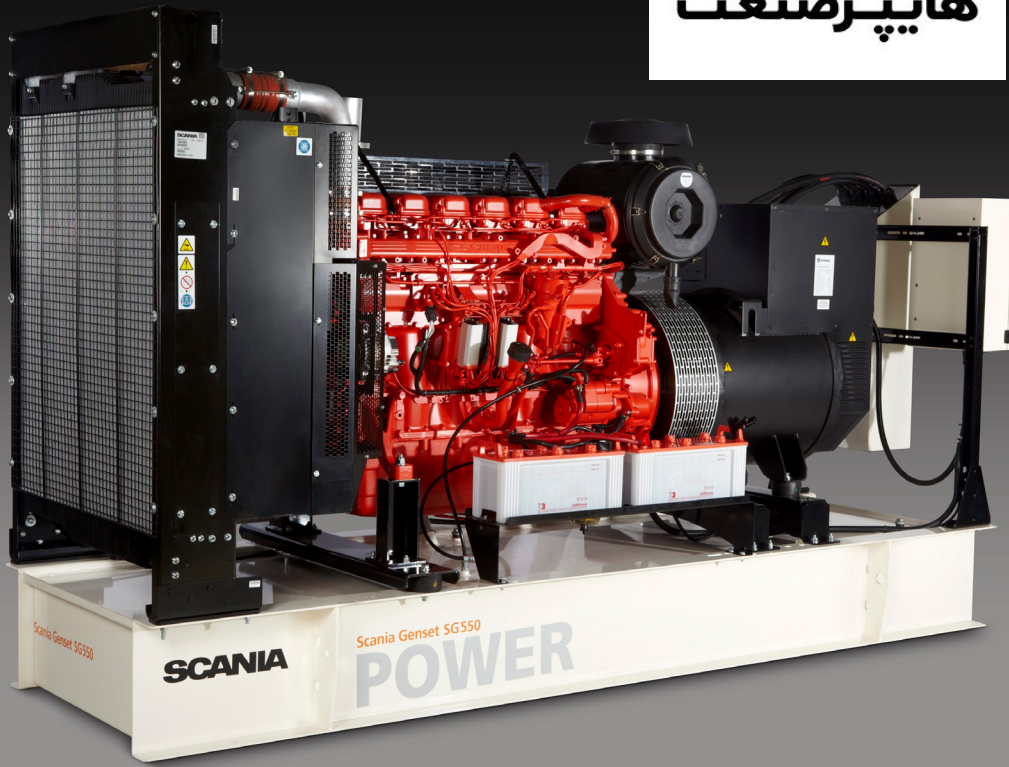
Test conditions Air temperature +25°C. Barometric pressure 100 kPa (750 mmHg). Humidity 30%. Diesel fuel acc. to ECE R 24 Annex 6. Density of fuel 0.840 kg/dm³. Viscosity of fuel 3.0 cSt at 40°C. Energy value 42700 kJ/kg. **Power test code** ISO 3046. Power and fuel values ±3%.





SCANIA GENSET SG460

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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.

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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	SG460	SG460
Application	Prime	Standby
50Hz, 380-415V, 200/115V	410 kVA 330 kWe	460 kVA 370 kWe
60Hz, 440-480V, 200/115V	450 kVA 360 kWe	515 kVA 410 kWe

Ratings at 0.8 pf

Genset images may include optional extras.

www.famcocorp.com

E-mail: info@famcocorp.com

@famco_group

Tel: ۰۲۱-۴۸۰۰۰۰۴۹

Fax: ۰۲۱-۴۴۹۹۴۶۴۲

تهران، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج)

روبروی پالایشگاه نفت پارس، پلاک ۱۲

Genset specification	Unit	50Hz, 1,500rpm EU Stage IIIA compliant	50Hz, 1,500rpm Fuel optimized	60Hz, 1,800rpm Fuel optimized
Scania engine type		DC13 071A	DC13 072A	DC13 072A
Number of cylinders		6 in-line	6 in-line	6 in-line
Displacement	litre	12.7	12.7	12.7
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	94	89	105
100%	L/h	87	79	93
75%	L/h	66	60	68
50%	L/h	44	40	47

Technical data

Heat rejection to exhaust system	kW	276	271	324
Heat rejection to cooling system	kW	148	119	143
Exhaust temperature	°C	513	509	524
Combustion air flow	kg/min	29	30	35

Exhaust noise from engine

1 m after turbocharger at max. power	dB (A)	118	118	120
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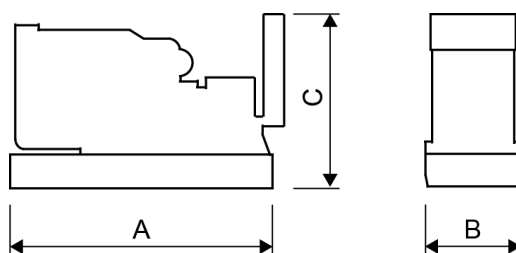
Dimensions

Length (A)	mm	3831	3831	3831
Width (B)	mm	1120	1120	1120
Height (C)	mm	2138	2138	2138

Weight

Incl. coolant and oil, excl. batteries and fuel	kg	3250 (calculated)	3250 (calculated)	3250 (calculated)
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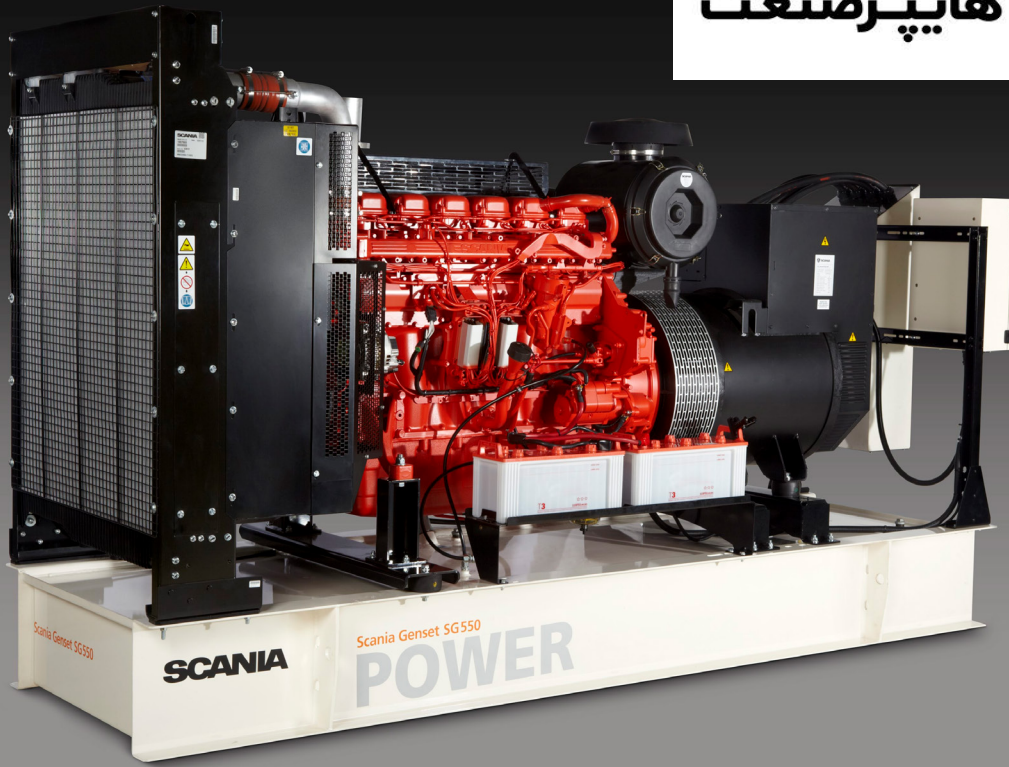
Test conditions Air temperature +25°C. Barometric pressure 100 kPa (750 mmHg). Humidity 30%. Diesel fuel acc. to ECE R 24 Annex 6. Density of fuel 0.840 kg/dm³. Viscosity of fuel 3.0 cSt at 40°C. Energy value 42700 kJ/kg. **Power test code** ISO 3046. Power and fuel values ±3%.





SCANIA GENSET SG500

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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 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	SG500	SG500
Application	Prime	Standby
50Hz, 380-415V, 200/115V	450 kVA 360 kWe	500 kVA 400 kWe
60Hz, 440-480V, 200/115V	500 kVA 400 kWe	555 kVA 445 kWe

Ratings at 0.8 pf

Genset images may include optional extras.

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E-mail: info@famcocorp.com

@famco_group

Tel: ۰۲۱-۴۸۰۰۰۰۴۹

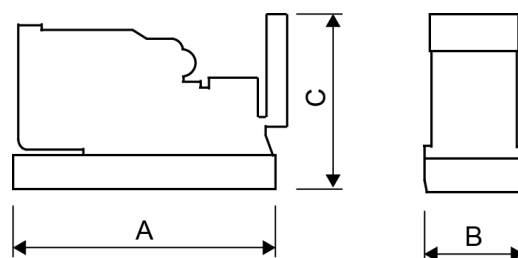
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تهران، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج)

روبروی پالایشگاه نفت پارس، پلاک ۱۲

Genset specification	Unit	50Hz, 1,500rpm Fuel optimized	60Hz, 1,800rpm Fuel optimized
Scania engine type		DC13 072A	DC13 072A
Number of cylinders		6 in-line	6 in-line
Displacement	litre	12.7	12.7
Aspiration		Turbocharged	Turbocharged
Alternator		MeccAlte	MeccAlte
Frequency	Hz	50	60
Engine speed	rpm	1,500	1,800
Fuel tank capacity	litre	965	965
Fuel consumption			
110%	L/h	101	116
100%	L/h	89	103
75%	L/h	66	74
50%	L/h	44	50
Technical data			
Heat rejection to exhaust system	kW	309	358
Heat rejection to cooling system	kW	134	166
Exhaust temperature	°C	536	557
Combustion air flow	kg/min	32	36
Exhaust noise from engine			
1 m after turbocharger at max. power	dB (A)	118	120
Dimensions			
Length (A)	mm	3831	3831
Width (B)	mm	1120	1120
Height (C)	mm	2138	2138
Weight			
Incl. coolant and oil, excl. batteries and fuel	kg	3250 (calculated)	3250 (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%.





SCANIA GENSET SG550

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A perfect power package.

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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	SG550	SG550
Application	Prime	Standby
50Hz, 380-415V, 200/115V	500 kVA 400 kWe	550 kVA 440 kWe
60Hz, 200/115V	505 kVA 405 kWe	550 kVA 440 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		DC16 071A	DC13 072A	DC13 072A
Number of cylinders		V 8	6 in-line	6 in-line
Displacement	litre	16.4	12.7	12.7
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	116	112	116
100%	L/h	106	100	103
75%	L/h	82	72	74
50%	L/h	55	48	50

Technical data

Heat rejection to exhaust system	kW	339	344	358
Heat rejection to cooling system	kW	202	158	166
Exhaust temperature	°C	542	563	557
Combustion air flow	kg/min	34	34	36

Exhaust noise from engine

1 m after turbocharger at max. power	dB (A)	118	118	120
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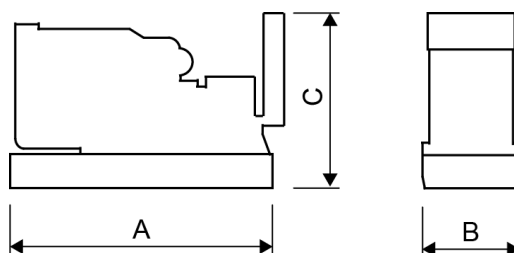
Dimensions

Length (A)	mm	3900	3831	3831
Width (B)	mm	1167	1120	1120
Height (C)	mm	2212	2138	2138

Weight

Incl. coolant and oil, excl. batteries and fuel	kg	3300	3300	3300
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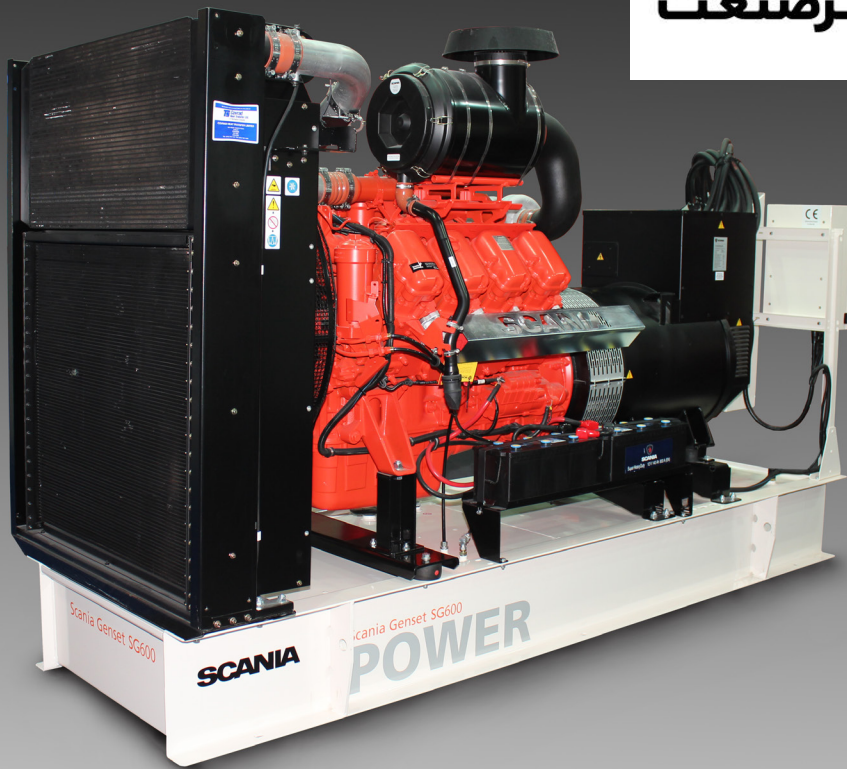
Test conditions Air temperature +25°C. Barometric pressure 100 kPa (750 mmHg). Humidity 30%. Diesel fuel acc. to ECE R 24 Annex 6. Density of fuel 0.840 kg/dm³. Viscosity of fuel 3.0 cSt at 40°C. Energy value 42700 kJ/kg. **Power test code** ISO 3046. Power and fuel values ±3%.





SCANIA GENSET SG600

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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
50 Hz, 380-400 V	550 kVA 440 kWe
	Ratings at 0.8 pf

Genset images may include optional extras.

www.famcocorp.com

E-mail: info@famcocorp.com

@famco_group

Tel: ۰۲۱-۴۸۰۰۰۰۴۹

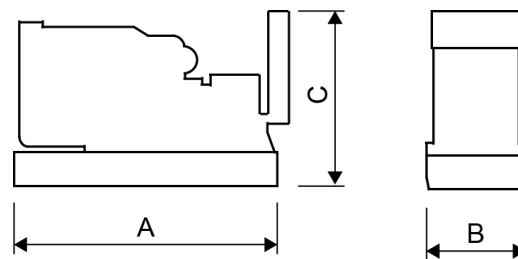
Fax: ۰۲۱-۴۴۹۹۴۶۴۲

تهران، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج)

روبروی پالایشگاه نفت پارس، پلاک ۱۲

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
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)

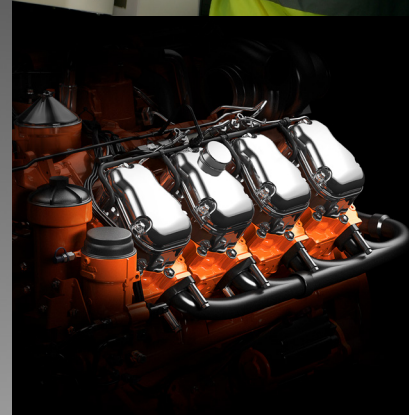
Test conditions Air temperature +25°C. Barometric pressure 100 kPa (750 mmHg). Humidity 30%. Diesel fuel acc. to ECE R 24 Annex 6. Density of fuel 0.840 kg/dm³. Viscosity of fuel 3.0 cSt at 40°C. Energy value 42700 kJ/kg. **Power test code** ISO 3046. Power and fuel values ±3%.





SCANIA GENSET SG660

FAMCO
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Picture is showing a SG600

A perfect power package

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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	SG660	SG660
Application	PRP	ESP
50Hz, 380-415 V	600 kVA 480 kWe	660 kVA 528 kWe
	Ratings at 0.8 pf	

Genset images may include optional extras.

www.famcocorp.com

E-mail: info@famcocorp.com

@famco_group

Tel: ۰۲۱-۴۸۰۰۰۰۴۹

Fax: ۰۲۱-۴۴۹۹۴۶۴۲

تهران، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج)

روبروی پالایشگاه نفت پارس، پلاک ۱۲



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	122
75%	L/h	90
50%	L/h	61

Technical data

Heat rejection to exhaust system	kW	349
Heat rejection to cooling system	kW	175
Exhaust temperature	°C	474
Combustion air flow	kg/min	41

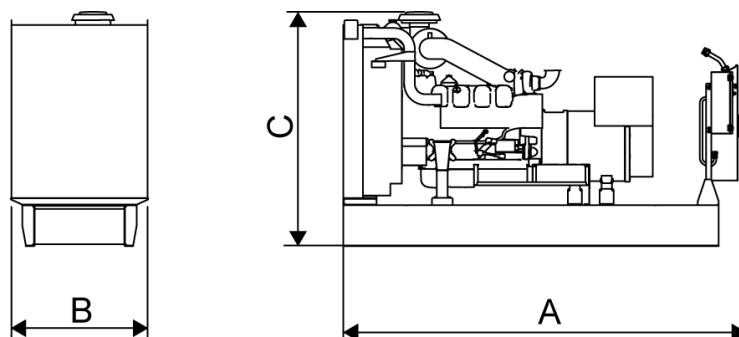
Dimensions

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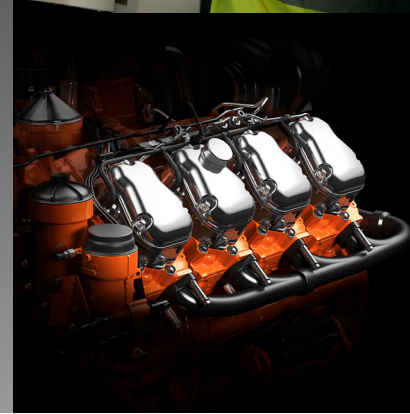
Test conditions Air temperature +25°C. Barometric pressure 100 kPa (750 mmHg). Humidity 30%. Diesel fuel acc. to ECE R 24 Annex 6. Density of fuel 0.840 kg/dm³. Viscosity of fuel 3.0 cSt at 40°C. Energy value 42700 kJ/kg. **Power test code** ISO 3046. Power and fuel values ±3%.





SCANIA GENSET SG715

FAMCO
هایپر صنعت



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 kWe	715 kVA 572 kWe
	Ratings at 0.8 pf	

Genset images may include optional extras.

www.famcocorp.com

E-mail: info@famcocorp.com

@famco_group

Tel: ۰۲۱-۴۸۰۰۰۰۴۹

Fax: ۰۲۱-۴۴۹۹۴۶۴۲

تهران، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج)

روبروی پالایشگاه نفت پارس، پلاک ۱۲



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

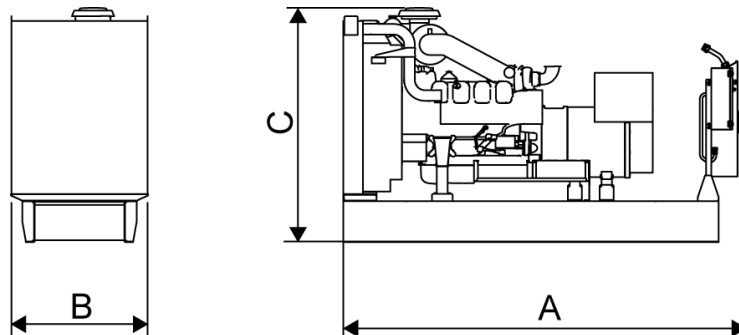
Length (A)	mm	3900
Width (B)	mm	1316
Height (C)	mm	2248

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%.

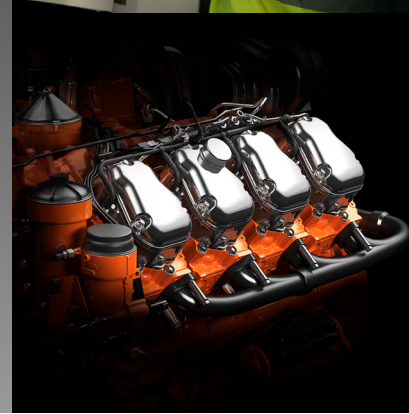


تهران، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج)
روبروی پالایشگاه نفت پارس، پلاک ۱۲



SCANIA GENSET SG770

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هایپر صنعت



Picture is showing a SG600

A perfect power package

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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	SG770	SG770
Application	PRP	ESP
50Hz, 380-415 V	700 kVA 560 kW _e	770 kVA 616 kW _e
	Ratings at 0.8 pf	

Genset images may include optional extras.

www.famcocorp.com

E-mail: info@famcocorp.com

@famco_group

Tel: ۰۲۱-۴۸۰۰۰۰۴۹

Fax: ۰۲۱-۴۴۹۹۴۶۴۲

تهران، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج)

روبروی پالایشگاه نفت پارس، پلاک ۱۲



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		MeccAlte
Frequency	Hz	50
Engine speed	rpm	1,500
Fuel tank capacity	litre	965

Fuel consumption (PRP)

100%	L/h	142
75%	L/h	105
50%	L/h	70

Technical data

Heat rejection to exhaust system	kW	414
Heat rejection to cooling system	kW	192
Exhaust temperature	°C	524
Combustion air flow	kg/min	45

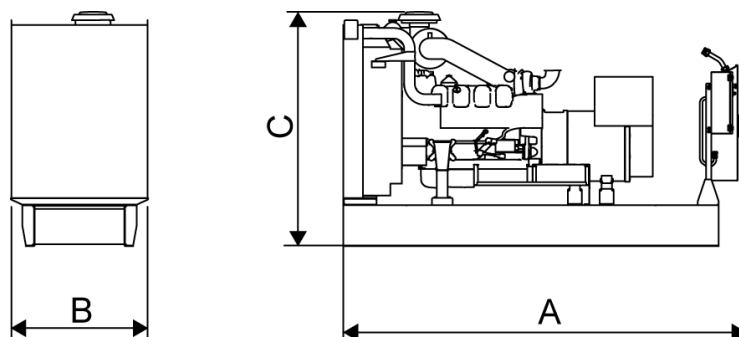
Dimensions

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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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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