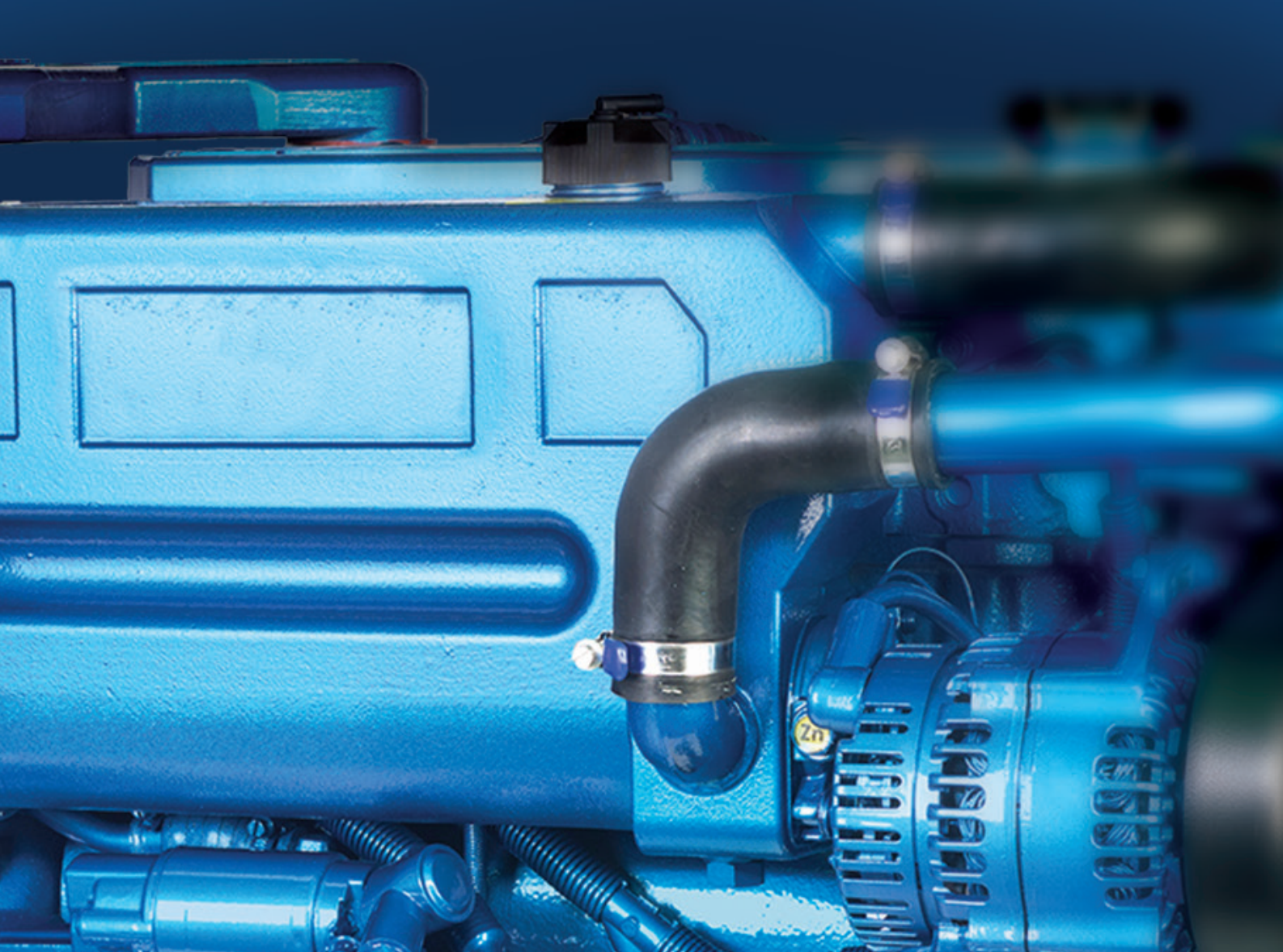




solé diesel

2017-2018

Solé Diesel

MARINE DIESEL ENGINES.
GENSETS.
PROPELLERS.
ACCESSORIES

Solé Diesel was founded in 1912 by Mr. Enrique Solé Jorba. The company, which is now 100 years old, is totally consolidated in the marine market with engines, generators and accessories. Nowadays it is managed by the 3rd generation; Mr. Enrique Solé Matas.

Solé Diesel believes in leading the way with product innovation, continuous product improvements and an effective after sales and service network to ensure all customers' expectations are met. Our international distributors (more than 50 all over the world) with their own local network of chandleries and workshops, it's the proof of how important is for us the after sales service. Any client sailing all over the world can easily find a Solé Diesel service.

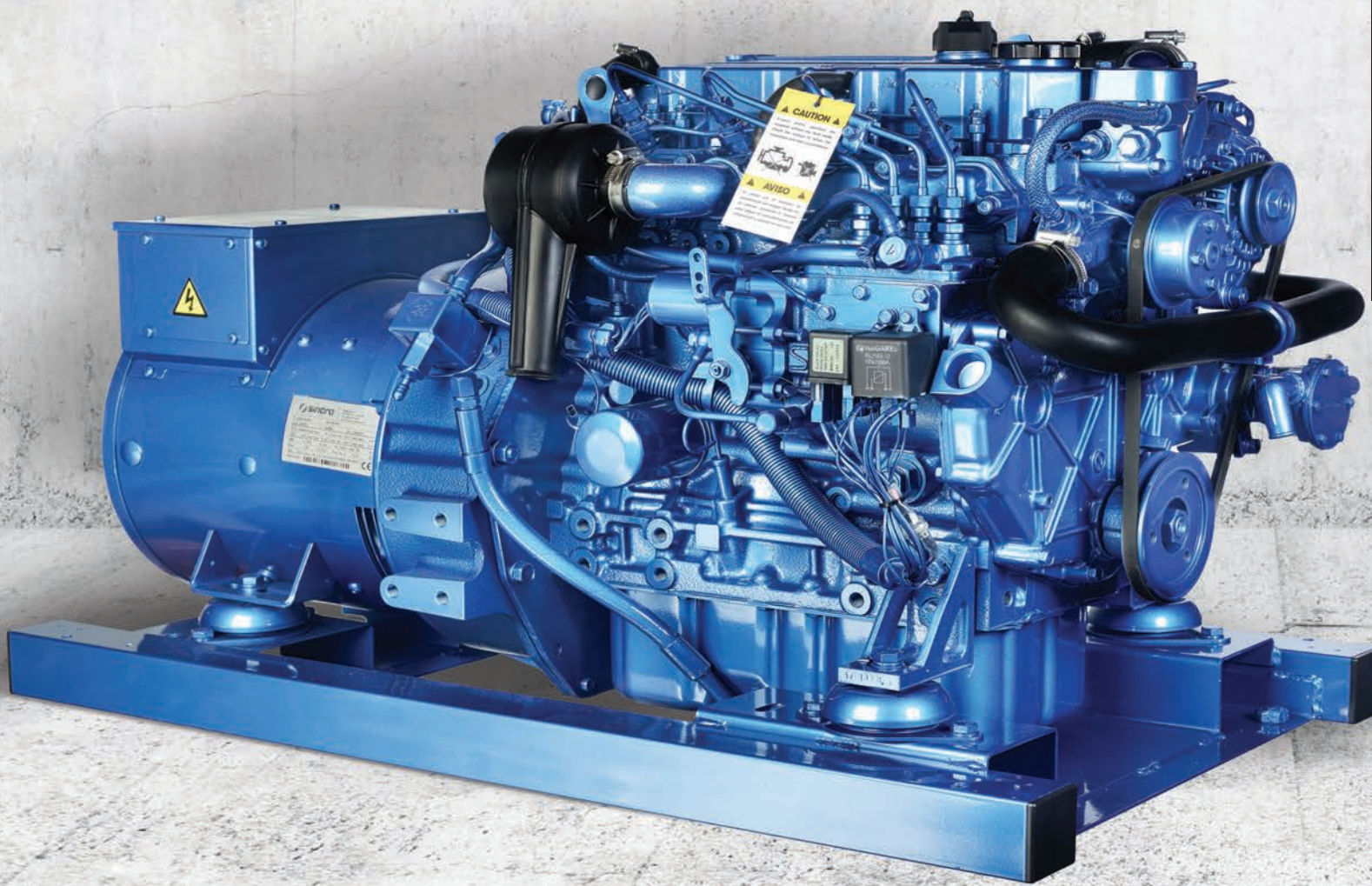
Today we are a reference point brand in the engine marinization in both, domestic and international markets. During all these years, we stand apart in the market thanks to our philosophy of personalized customer service, always offering the best advice, seeking the best alternatives according the client's needs for both leisure and commercial application. 100 years of experience in the sector guarantee's the final result of our products.

Solé Diesel products are entirely manufactured in Martorell (Barcelona), under the highest quality standards, always having the client's satisfaction as a target. In order to achieve our client's needs, we work together with the finest brands in the market including Mitsubishi, Deutz.

We are known as a flexible, dynamic and effective company and part of our product success lies in the combination between the knowhow from our most experienced staff, with the newest techniques from the newest generations, and the total control of the manufactured process.

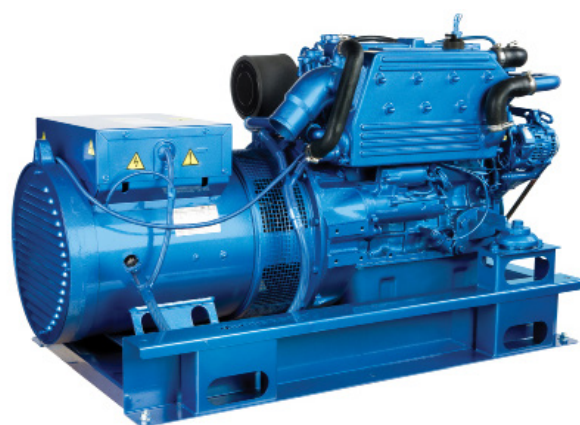
ENRIQUE
SOLÉ







2 marine generator sets



SOLÉ DIESEL PRODUCES ITS MARINE GENERATOR SETS AT 50HZ WITH POWER RATE WHICH RUNS FROM 4kVA (3.5kW) TO 112.4kVA (90kW), MEETING THE LATEST REQUIREMENTS ABOUT EMISSIONS REGULATIONS. THIS MARINE GENERATORS SETS ARE KNOWN IN THE MARKET BY ITS COMPACT SIZE, LOUDNESS LEVEL AND BY THE MOST RELIABLE ENGINE BASES WHICH ARE MOUNTED ON.

RANGE 50 HZ AT 1,500 RPM

MODEL	BASE ENGINE	POWER	PHASES	FREQUENCY	RPM
7 GS/GSC	MINI-26	6.6 kVA - 6.6 kW	1	50 Hz	1.500 rpm
8 GT/GTC	MINI-26	7.8 kVA - 6.3 kW	3	50 Hz	1.500 rpm
10 GS/GSC	MINI-33	9.4 kVA - 9.4 kW	1	50 Hz	1.500 rpm
11 GT/GTC	MINI-33	10.5 kVA - 8.4 kW	3	50 Hz	1.500 rpm
14 GS/GSC	MINI-44	13.9 kVA - 13.9 kW	1	50 Hz	1.500 rpm
17 GT/GTC	MINI-44	16.4 kVA - 13.2 kW	3	50 Hz	1.500 rpm
20 GS/GSC	MINI-63	20.1 kVA - 20.1 kW	1	50 Hz	1.500 rpm
25 GT/GTC	MINI-63	24.3 kVA - 19.5 kW	3	50 Hz	1.500 rpm
29 GS/GSC	MINI-74	28.4 kVA - 28.4 kW	1	50 Hz	1.500 rpm
35 GT/GTC	MINI-74	35.0 kVA - 28.0 kW	3	50 Hz	1.500 rpm
50 GT/GTC	SM-105	48.9 kVA - 39.2 kW	3	50 Hz	1.500 rpm
85 GT/GTC	SDZ-109	85.0 kVA - 68.0 kW	3	50 Hz	1.500 rpm
115 GT/GTC	SDZ-165	112.4 kVA - 90.0 kW	3	50 Hz	1.500 rpm

RANGE 50 HZ AT 3,000 RPM

MODEL	BASE ENGINE	POWER	PHASES	FREQUENCY	RPM
4 GSCH	FA-6	4 kVA - 3.5 kW	1	50 Hz	3.000 rpm
G-8M-3X	MINI-17	8,5 KVA - 8,5 kW	1	50 Hz	3.000 rpm
G-8T-3	MINI-17	8 KVA - 6.4 kW	3	50 Hz	3.000 rpm
G-15M-3	MINI-26	15 KVA - 15 kW	1	50 Hz	3.000 rpm
G-15T-3	MINI-26	15 KVA - 12 kW	3	50 Hz	3.000 rpm
G-25M-3	MINI-44	25 KVA - 25 kW	1	50 Hz	3.000 rpm
G-25T-3	MINI-44	25 KVA - 20KW	3	50 Hz	3.000 rpm

GAMA 60 HZ A 1.800 RPM

MODEL	BASE ENGINE	POWER	PHASES	FREQUENCY	RPM
8 GSA/GSAC	MINI-26	8.0 KVA - 8.0 kW	1	60 Hz	1,800 rpm
10 GTA/GTAC	MINI-26	9.4 KVA - 7.6 kW	3	60 Hz	1,800 rpm
12 GSA/GSAC	MINI-33	12.0 KVA - 12.0 kW	1	60 Hz	1,800 rpm
14 GTA/GTAC	MINI-33	13.6 KVA - 10.9 kW	3	60 Hz	1,800 rpm
17 GSA/GSAC	MINI-44	16.4 KVA - 16.4 kW	1	60 Hz	1,800 rpm
20 GTA/GTAC	MINI-44	19.5 KVA - 15.6 kW	3	60 Hz	1,800 rpm
25 GSA/GSAC	MINI-63	25.1 KVA - 25.1 kW	1	60 Hz	1,800 rpm
30 GTA/GTAC	MINI-63	30.0 KVA - 24.0 kW	3	60 Hz	1,800 rpm
32 GSA/GSAC	MINI-74	31.6 KVA - 31.6 kW	1	60 Hz	1,800 rpm
40 GTA/GTAC	MINI-74	39.0 KVA - 31.2 kW	3	60 Hz	1,800 rpm
60 GTA/GTAC	SM-105	58.3 KVA - 46.7 kW	3	60 Hz	1,800 rpm
100 GTA/GTAC	SDZ-109	97.3 KVA - 77.9 kW	3	60 Hz	1,800 rpm
120 GTA/GTAC	SDZ-165	120.0 KVA - 96.0 kW	3	60 Hz	1,800 rpm

PARALLEL OPERATION SYSTEM

MODEL	BASE ENGINE	POWER	PHASES	FREQUENCY	RPM
85 GT/GTC	SDZ-109	85.0 kVA - 68.0 kW	3	50 Hz	1.500 rpm
115 GT/GTC	SDZ-165	112.4 kVA - 90.0 kW	3	50 Hz	1.500 rpm
100 GTA/GTAC	SDZ-109	97.3 kVA - 77.9 kW	3	60 Hz	1.800 rpm
120 GTA/GTAC	SDZ-165	120.0 kVA - 96.0 kW	3	60 Hz	1.800 rpm



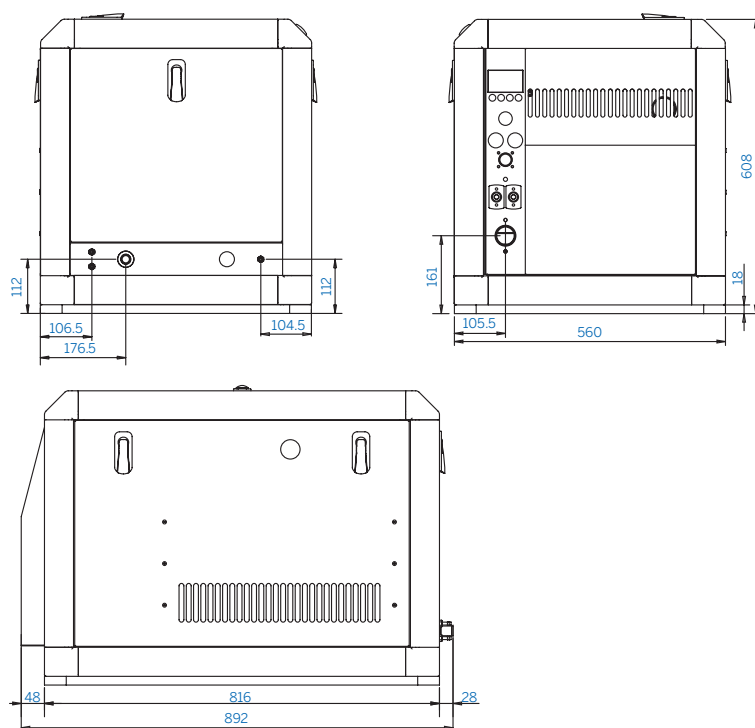
control panel.

SCO 10

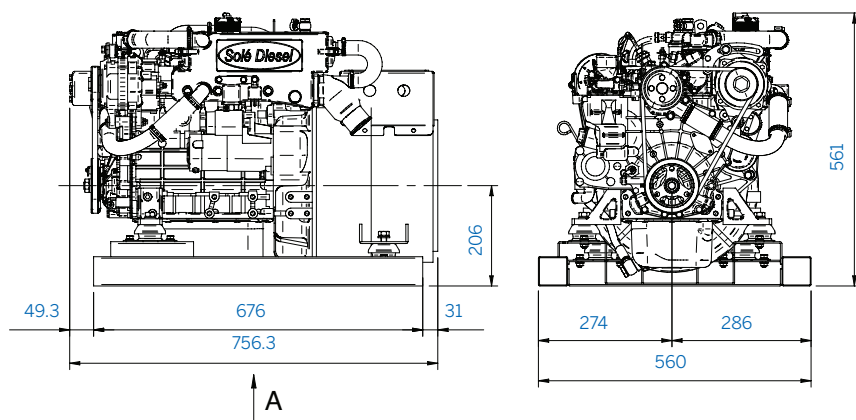


Dimensions 180x120x55 mm Weight 450g

canopy version.



standard version.



Dimensions in millimetres. This drawing is provided for reference only. For further information, please visit our website www.solediesel.com

* Maximum power: Power supplied at maximum capacity of the genset. For further information see the technical data sheet.

FASE	technical specifications.	Model	
Model and ratings		7GS 7GSC	8GSA 8GSAC
kW *		6,6	8
kVA *		6,6	8
Voltage		230	240
Amps		29,0	34,0
Phases		1	1
Hz		50	60
Engine RPM		1500	1800

Sound level (dB) Canopy version

db	51	51
----	----	----

Size (mm) and Weight (Kg)

Canopy version	
Lenght	892
Width	560
Height	608
Weight (Dry)	220
standard version	
Lenght	756
Width	560
Height	561
Weight (Dry)	198

ALTERNATOR

Brand	SINCRO
Model	SK 160SZ1
Regulator type	AVR BL4 electronic
Nr. of poles	4
Insulation Type	H
IP protection	23
Cos phi	1
Tropicalization	Standard
Excitation system	Brushless
Voltage regulation Accuracy	± 1%
Frequency Regulation	Synchronous
Standards	EN 60034-1 IEC 60034-1 ISO 8528-3

ENGINE specification

Base	MITSUBISHI
Sole Engine Model	MINI-26
Type	4 stroke
Cylinders	3
Displacement	952 cc
Bore x Stroke	76x70 mm
Compression ratio	23:1
Injection	Indirect
Aspiration type	Natural Aspiration
Lube Oil capacity (L)	4
Oil Type	ACEA E5/API CH-4/SJ.15W/40
Coolant capacity (L)	3,5
Housing	SAE 5
Flywheel	SAE 6 1/2

	50 Hz	60 Hz
RPM	1500	1800
Power (HP/kW)	10,7 / 7,9	13,0 / 9,6
Coolant flow rate (L/min)	22,5	27
Raw water rate (L/min)	15,6	18,72
Engine/generator intake air requirements (m3/min)	3,5	4,3

Typical fuel consumption

25%	0,9	1,1
50%	1,48	1,92
75%	2,07	2,52
100%	2,56	3,14

Diesel Liters/h at % load

Engine Electrical

Electrical System (V)	12
Starter Motor (kW)	1,2
Alternator (A)	40
Shutdown system	Electrical
Stop Solenoid Type	ETS



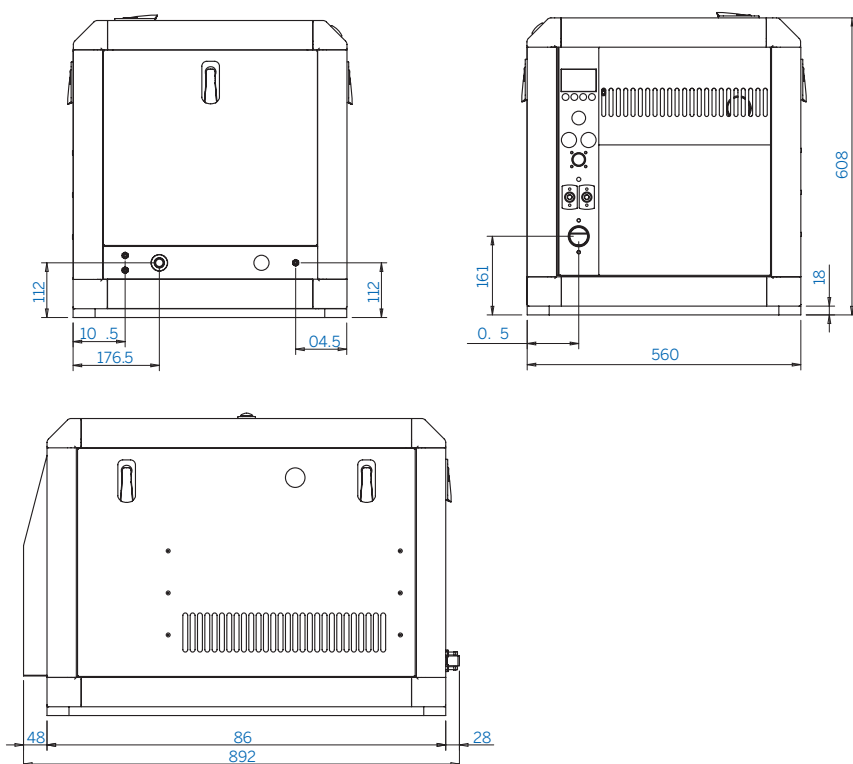
control panel.

SCO 10

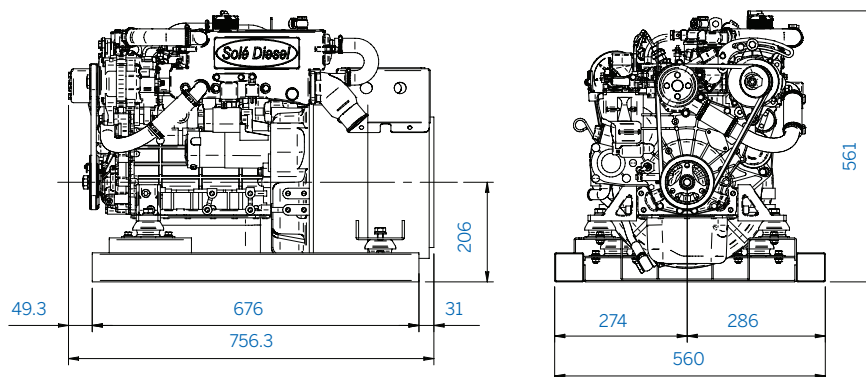


Dimensions 180x120x55 mm Weight 450g

canopy version.



standard version.



Dimensions in millimetres. This drawing is provided for reference only. For further information, please visit our website www.solediesel.com

* Maximum power: Power supplied at maximum capacity of the genset. For further information see the technical data sheet.

FASE	technical specifications.	Model		
		8GT 8GTC	10GTA 10GTAC	
Model and ratings				
kW *		6,3	7,6	
kVA *		7,8	9,4	
Voltage		400/230	480/277	
Amps		12,0	12,0	
Phases		3	3	
Hz		50	60	
Engine RPM		1500	1800	

Sound level (dB) Canopy version

db	51	51
----	----	----

Size (mm) and Weight (Kg)

Canopy version	
Length	892
Width	560
Height	608
Weight (Dry)	224
standard version	
Length	756
Width	560
Height	561
Weight (Dry)	201

ALTERNATOR

Brand	SINCRO
Model	SK 160SA
Regulator type	AVR BL4 electronic
Nr. of poles	4
Insulation Type	H
IP protection	23
Cos phi	0,8
Tropicalization	Standard
Excitation system	Brushless
Voltage regulation Accuracy	±1%
Frequency Regulation	Synchronous
Standards	EN 60034-1 IEC 60034-1 ISO 8528-3

ENGINE specification

Base	MITSUBISHI
Sole Engine Model	MINI-26
Type	4 stroke
Cylinders	3
Displacement	952 cc
Bore x Stroke	76x70 mm
Compression ratio	23:1
Injection	Indirect
Aspiration type	Natural Aspiration
Lube Oil capacity (L)	4
Oil Type	ACEA E5, API CH-4/SJ, 15W40
Coolant capacity (L)	3,5
Housing	SAE 5
Flywheel	SAE 6 1/2

	50 Hz	60 Hz
RPM	1500	1800
Power (HP/kW)	10,7 / 7,9	13,0 / 9,6
Coolant flow rate (L/min)	22,5	27
Raw water rate (L/min)	15,6	18,72
Engine/generator intake air requirements (m3/min)	3,5	4,3

Typical fuel consumption

25%	0,8	0,8
50%	1,1	1,1
75%	1,5	1,5
100%	1,8	1,8

Diesel Liters/h at % load

Engine Electrical

Electrical System (V)	12
Starter Motor (kW)	1,2
Alternator (A)	40
Shutdown system	Electrical
Stop Solenoid Type	ETS



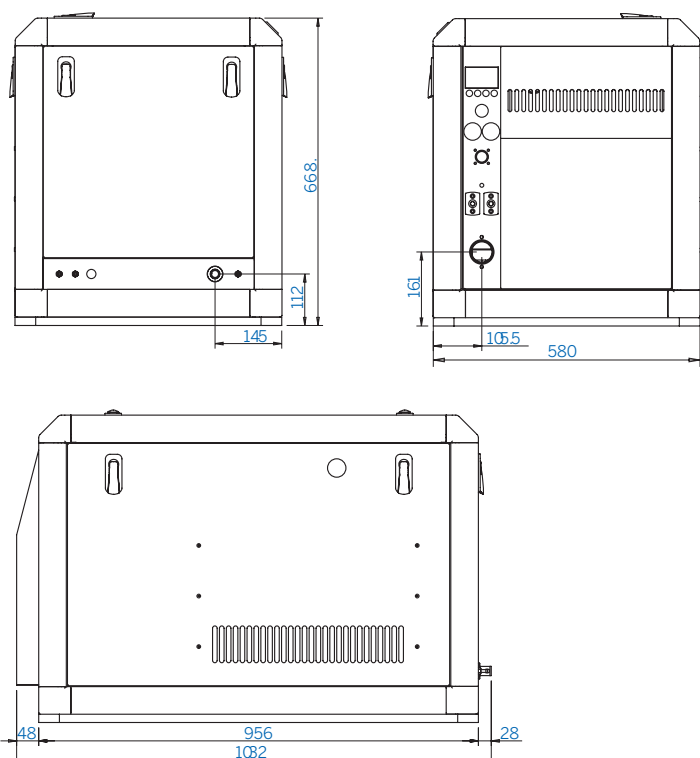
control panel.

SCO 10

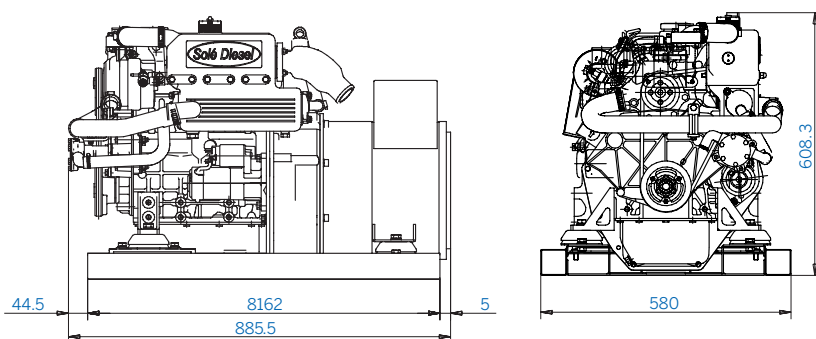


Dimensions 180x120x55 mm Weight 450g

canopy version.



standard version.



Dimensions in millimetres. This drawing is provided for reference only. For further information, please visit our website www.solediesel.com

* Maximum power: Power supplied at maximum capacity of the genset. For further information see the technical data sheet.

FASE	technical specifications.	Model	
		10GS 10GSC	12GSA 12GSAC
Model and ratings			
kW *		9,4	12
kVA *		9,4	12
Voltage		230	240
Amps		41,0	50,0
Phases		1	1
Hz		50	60
Engine RPM		1500	1800

Sound level (dB) Canopy version

db	54	54
----	----	----

Size (mm) and Weight (Kg)

Canopy version	
Lenght	1032
Width	580
Height	669
Weight (Dry)	308
standard version	
Lenght	885
Width	580
Height	599
Weight (Dry)	271

ALTERNATOR

Brand	SINCRO
Model	SK 160SZ1
Regulator type	AVR BL4 electronic
Nr. of poles	4
Insulation Type	H
IP protection	23
Cos phi	1
Tropicalization	Standard
Excitation system	Brushless
Voltage regulation Accuracy	± 1%
Frequency Regulation	Synchronous
Standards	EN 60034-1 IEC 60034-1 ISO 8528-3

ENGINE specification

Base	MITSUBISHI
Sole Engine Model	MINI-33
Type	4 stroke
Cylinders	3
Displacement	952 cc
Bore x Stroke	76x70 mm
Compression ratio	23:1
Injection	Indirect
Aspiration type	Natural Aspiration
Lube Oil capacity (L)	4,2
Oil Type	ACEA E5, API CH-4/SJ, 15W40
Coolant capacity (L)	6,25
Housing	SAE 5
Flywheel	SAE 7 1/2

	50 Hz	60 Hz
RPM	1500	1800
Power (HP/kW)	15,2 /11,2	18,8 /13,8
Coolant flow rate (L/min)	40	47
Raw water rate (L/min)	18	21
Engine/generator intake air requirements (m3/min)	3,8	4

Typical fuel consumption

25%	1,2	1,4
50%	1,6	2,2
75%	2	2,6
100%	2,5	3,2

Diesel Liters/h at % load

Engine Electrical

Electrical System (V)	12
Starter Motor (kW)	1,7
Alternator (A)	50
Shutdown system	Electrical
Stop Solenoid Type	ETS



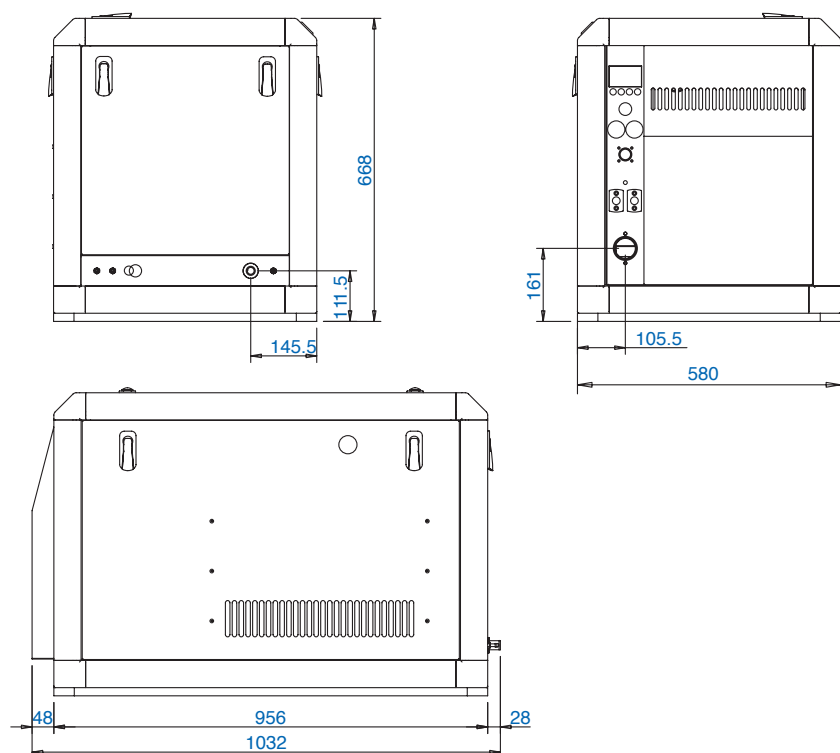
control panel.

SCO 10

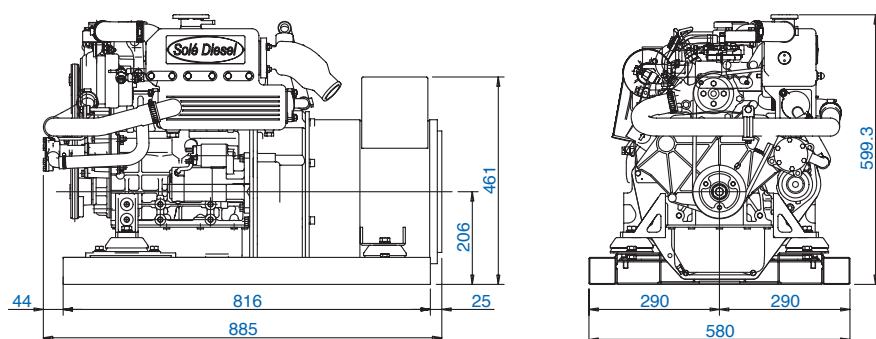


Dimensions 180x120x55 mm Weight 450g

canopy version.



standard version.



Dimensions in millimetres. This drawing is provided for reference only. For further information, please visit our website www.solediesel.com

* Maximum power: Power supplied at maximum capacity of the genset. For further information see the technical data sheet.

FASE	technical specifications.	Model		
Model and ratings		11GT 11GTC	14GTA 14GTAC	
kW *		8,4	10,9	
kVA *		10,5	13,6	
Voltage		400/230	480/277	
Amps		16,0	17	
Phases		3	3	
Hz		50	60	
Engine RPM		1500	1800	

Sound level (dB) Canopy version

db	54	54
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Size (mm) and Weight (Kg)

Canopy version	
Lenght	1032
Width	580
Height	668
Weight (Dry)	300
standard version	
Lenght	885,5
Width	580
Height	599
Weight (Dry)	264

ALTERNATOR

Brand	SINCRO
Model	SK 160SA
Regulator type	AVR BL4 electronic
Nr. of poles	4
Insulation Type	H
IP protection	23
Cos phi	0,8
Tropicalization	Standard
Excitation system	Brushless
Voltage regulation Accuracy	± 1%
Frequency Regulation	Synchronous
Standards	EN 60034-1 IEC 60034-1 ISO 8528-3

ENGINE specification

Base	MITSUBISHI
Sole Engine Model	MINI-26
Type	4 stroke
Cylinders	3
Displacement	952 cc
Bore x Stroke	76x70 mm
Compression ratio	23:1
Injection	Indirect
Aspiration type	Natural Aspiration
Lube Oil capacity (L)	4,2
Oil Type	ACEA E5, API CH-4/SJ, 15W40
Coolant capacity (L)	6,25
Housing	SAE 5
Flywheel	SAE 7 1/2

	50 Hz	60 Hz
RPM	1500	1800
Power (HP/kW)	15,2/11,2	18,8/13,8
Coolant flow rate (L/min)	40	47
Raw water rate (L/min)	18	21
Engine/generator intake air requirements (m3/min)	3,8	4

Typical fuel consumption

25%	1	1,3
50%	1,3	2
75%	1,6	2,4
100%	2,1	2,9

Diesel Liters/h at % load

Engine Electrical

Electrical System (V)	12
Starter Motor (kW)	1,7
Alternator (A)	50
Shutdown system	Electrical
Stop Solenoid Type	ETS



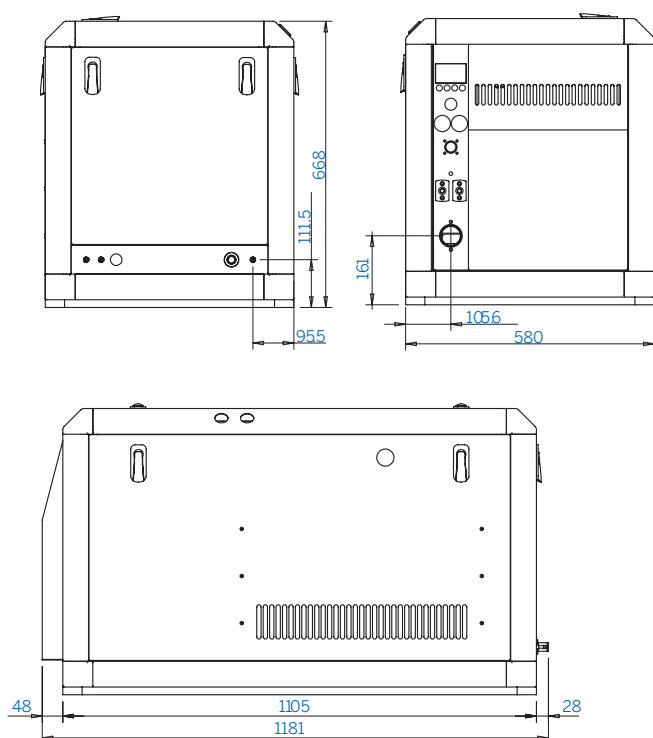
control panel.

SCO 10

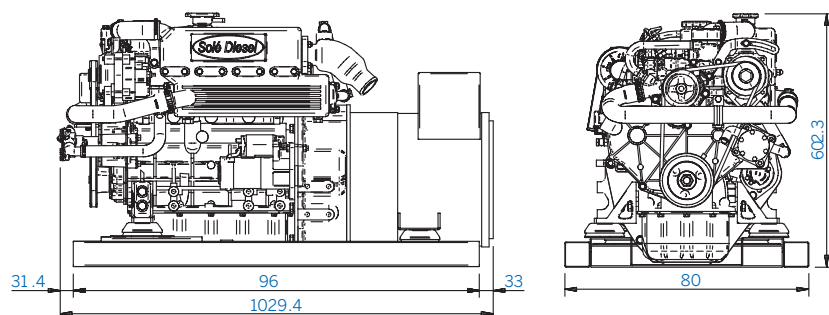


Dimensions 180x120x55 mm Weight 450g

canopy version.



standard version.



Dimensions in millimetres. This drawing is provided for reference only. For further information, please visit our website www.solediesel.com

* Maximum power: Power supplied at maximum capacity of the genset. For further information see the technical data sheet.

FASE	technical specifications.	Model	
		14GS 14GSC	17GSA 17GSAC
Model and ratings			
kW *		13,9	16,4
kVA *		13,9	16,4
Voltage		230	240
Amps		61,0	69,0
Phases		1	1
Hz		50	60
Engine RPM		1500	1800

Sound level (dB) Canopy version

db	54	54
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Size (mm) and Weight (Kg)

Canopy version	
Lenght	1181
Width	580
Height	668
Weight (Dry)	344
standard version	
Lenght	1036
Width	580
Height	602
Weight (Dry)	294

ALTERNATOR

Brand	SINCRO
Model	SK 160MA1
Regulator type	AVR BL4 electronic
Nr. of poles	4
Insulation Type	H
IP protection	23
Cos phi	1
Tropicalization	Standard
Excitation system	Brushless
Voltage regulation Accuracy	± 1%
Frequency Regulation	Synchronous
Standards	EN 60034-1 IEC 60034-1 ISO 8528-3

ENGINE specification

Base	MITSUBISHI
Sole Engine Model	MINI-44
Type	4 stroke
Cylinders	4
Displacement	1758 cc
Bore x Stroke	78x92 mm
Compression ratio	22:1
Injection	Indirect
Aspiration type	Natural Aspiration
Lube Oil capacity (L)	6
Oil Type	ACEA E5, API CH-4/SJ, 15W40
Coolant capacity (L)	8
Housing	SAE 5
Flywheel	SAE 7 1/2

	50 Hz	60 Hz
RPM	1500	1800
Power (HP/kW)	22,1/15,5	25,0/18,4
Coolant flow rate (L/min)	55	66
Raw water rate (L/min)	18	21
Engine/generator intake air requirements (m3/min)	4	4

Typical fuel consumption

25%	1,6	1,8
50%	2,1	2,7
75%	2,7	3,3
100%	3,4	4

Diesel Liters/h at % load

Engine Electrical

Electrical System (V)	12
Starter Motor (kW)	2
Alternator (A)	50
Shutdown system	Electrical
Stop Solenoid Type	ETR (ETS earth isolated version)



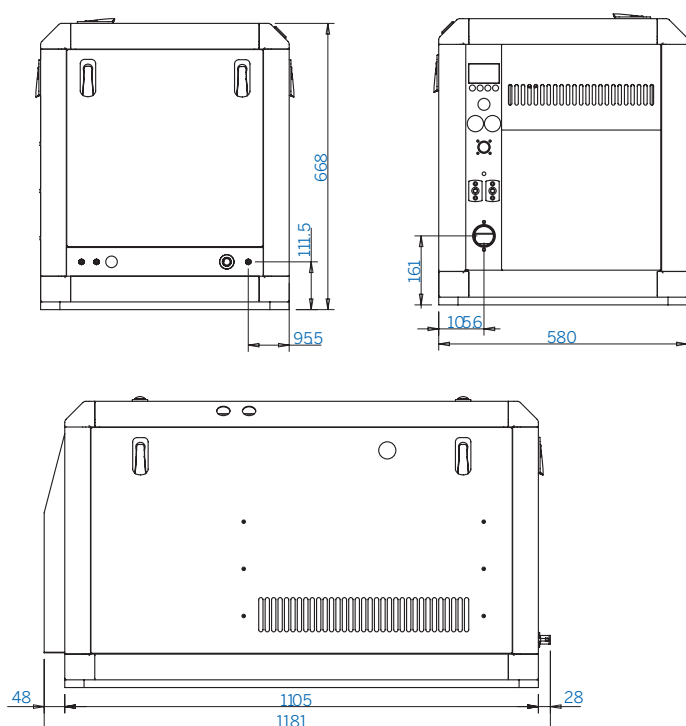
control panel.

SCO 10

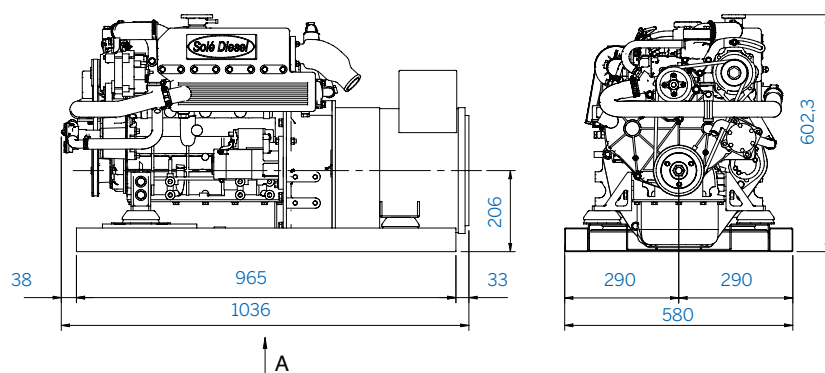


Dimensions 180x120x55 mm Weight 450g

canopy version.



standard version.



Dimensions in millimetres. This drawing is provided for reference only. For further information, please visit our website www.solediesel.com

* Maximum power: Power supplied at maximum capacity of the genset. For further information see the technical data sheet.

FASE	technical specifications.	Model		
		17GT 17GTC	20GTA 20GTAC	
Model and ratings				
kW *		13,2	15,6	
kVA *		16,4	19,5	
Voltage		400/230	480/277	
Amps		24,0	24,0	
Phases		3	3	
Hz		50	60	
Engine RPM		1500	1800	

Sound level (dB) Canopy version

db	54	56
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Size (mm) and Weight (Kg)

Canopy version	
Length	1181
Width	580
Height	668
Weight (Dry)	344
standard version	
Length	1036
Width	580
Height	602
Weight (Dry)	282

ALTERNATOR

Brand	SINCRO
Model	SK 160MA
Regulator type	AVR BL4 electronic
Nr. of poles	4
Insulation Type	H
IP protection	23
Cos phi	0,8
Tropicalization	Standard
Excitation system	Brushless
Voltage regulation Accuracy	± 1%
Frequency Regulation	Synchronous
Standards	EN 60034-1 IEC 60034-1 ISO 8528-3

ENGINE specification

Base	MITSUBISHI
Sole Engine Model	MINI-44
Type	4 stroke
Cylinders	4
Displacement	1758 cc
Bore x Stroke	78x92 mm
Compression ratio	22:1
Injection	Indirect
Aspiration type	Natural Aspiration
Lube Oil capacity (L)	6
Oil Type	ACEA E5, API CH-4/SJ, 15W40
Coolant capacity (L)	8
Housing	SAE 5
Flywheel	SAE 7 1/2

	50 Hz	60 Hz
RPM	1500	1800
Power (HP/kW)	22,1/15,5	25,0/18,4
Coolant flow rate (L/min)	55	66
Raw water rate (L/min)	18	21
Engine/generator intake air requirements (m3/min)	4	4

Typical fuel consumption

25%	1,6	1,8
50%	2,1	2,7
75%	2,7	3,3
100%	3,4	4

Diesel Liters/h at % load

Engine Electrical

Electrical System (V)	12
Starter Motor (kW)	2
Alternator (A)	50
Shutdown system	Electrical
Stop Solenoid Type	ETR (ETS earth isolated version)



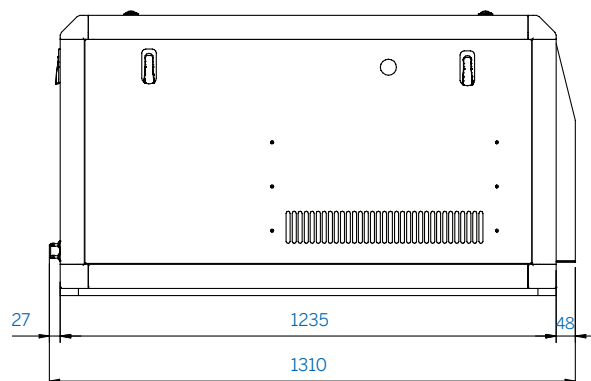
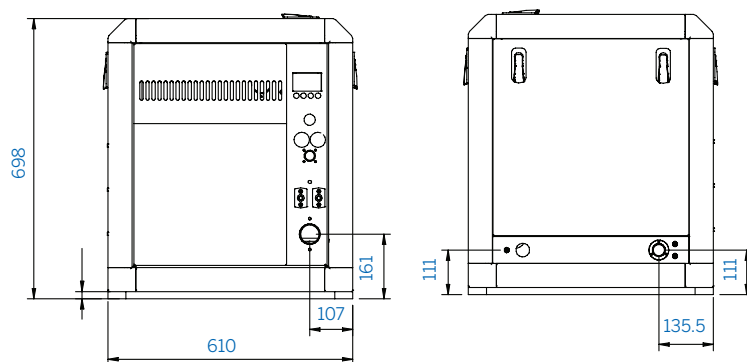
control panel.

SCO 10

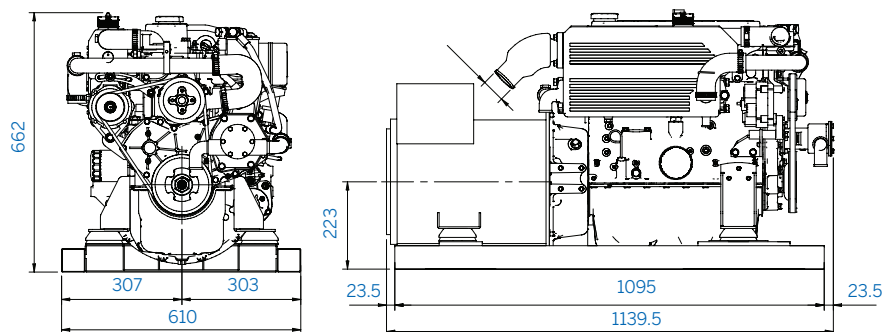


Dimensions 180x120x55 mm Weight 450g

canopy version.



standard version.



Dimensions in millimetres. This drawing is provided for reference only. For further information, please visit our website www.solediesel.com

* Maximum power: Power supplied at maximum capacity of the genset. For further information see the technical data sheet.

FASE	technical specifications.	Model	
		20GS 20GSC	25GSA 25GSAC
Model and ratings			
kW *		20	25
kVA *		20	25
Voltage		230	240
Amps		87,4	104,6
Phases		1	1
Hz		50	60
Engine RPM		1500	1800

Sound level (dB) Canopy version

db	56	56
----	----	----

Size (mm) and Weight (Kg)

Canopy version	
Length	1310
Width	610
Height	698
Weight (Dry)	426
standard version	
Length	1139
Width	610
Height	662
Weight (Dry)	402

ALTERNATOR

Brand	SINCRO
Model	SK 160LA1
Regulator type	AVR BL4 electronic
Nr. of poles	4
Insulation Type	H
IP protection	23
Cos phi	1
Tropicalization	Standard
Excitation system	Brushless
Voltage regulation Accuracy	± 1%
Frequency Regulation	Synchronous
Standards	EN 60034-1 IEC 60034-1 ISO 8528-3

ENGINE specification

Base	MITSUBISHI
Sole Engine Model	MINI-63
Type	4 stroke
Cylinders	4
Displacement	2505 cc
Bore x Stroke	88x103 mm
Compression ratio	22:1
Injection	Indirect
Aspiration type	Natural Aspiration
Lube Oil capacity (L)	6,5
Oil Type	ACEA E5, API CH-4/SJ, 15W40
Coolant capacity (L)	9,5
Housing	SAE 5
Flywheel	SAE 8

	50 Hz	60 Hz
RPM	1500	1800
Power (HP/kW)	29,8/22,2	36,5/27,2
Coolant flow rate (L/min)	51	63
Raw water rate (L/min)	37,5	45
Engine/generator intake air requirements (m3/min)	5	6,2

Typical fuel consumption

25%	2,1	2,9
50%	2,9	4,2
75%	3,9	5,5
100%	4,9	7,6

Diesel Liters/h at % load

Engine Electrical

Electrical System (V)	12
Starter Motor (kW)	2
Alternator (A)	50
Shutdown system	Electrical
Stop Solenoid Type	ETR (ETS earth isolated version)



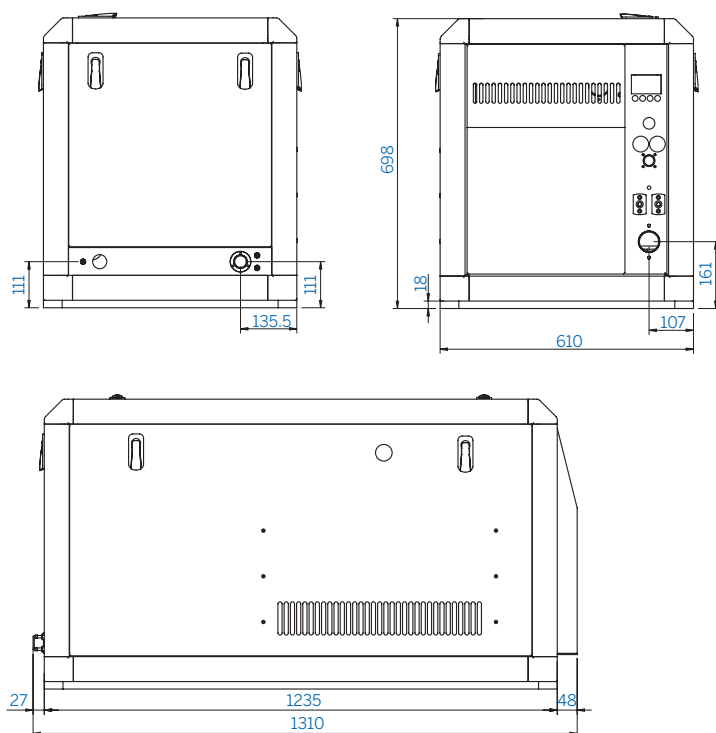
control panel.

SCO 10

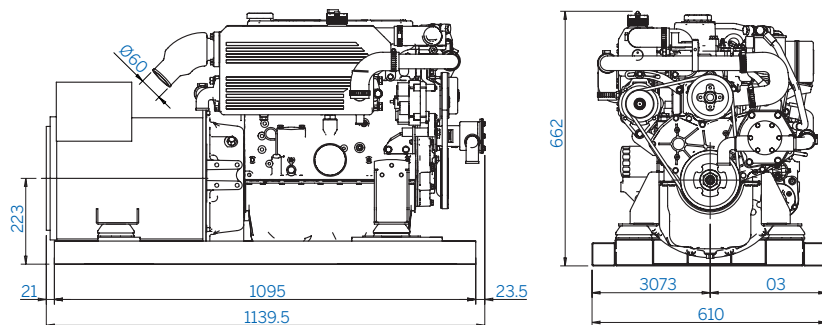


Dimensions 180x120x55 mm Weight 450g

canopy version.



standard version.



Dimensions in millimetres. This drawing is provided for reference only. For further information, please visit our website www.solediesel.com

* Maximum power: Power supplied at maximum capacity of the genset. For further information see the technical data sheet.



FASE	technical specifications.	Model		
		25GT 25GTC	30GTA 30GTAC	
Model and ratings				
kW *		19,5	24	
kVA *		24,3	30	
Voltage		400/230	480/277	
Amps		35,2	28,9	
Phases		3	3	
Hz		50	60	
Engine RPM		1500	1800	

Sound level (dB) Canopy version

db	56	58
----	----	----

Size (mm) and Weight (Kg)

Canopy version	
Lenght	1310
Width	610
Height	698
Weight (Dry)	412
standard version	
Lenght	1139
Width	610
Height	662
Weight (Dry)	351

ALTERNATOR

Brand	SINCRO
Model	SK 160LA
Regulator type	AVR BL4 electronic
Nr. of poles	4
Insulation Type	H
IP protection	23
Cos phi	0,8
Tropicalization	Standard
Excitation system	Brushless
Voltage regulation Accuracy	± 1%
Frequency Regulation	Synchronous
Standards	EN 60034-1 IEC 60034-1 ISO 8528-3

ENGINE specification

Base	MITSUBISHI
Sole Engine Model	MINI-63
Type	4 stroke
Cylinders	4
Displacement	2505 cc
Bore x Stroke	88x103 mm
Compression ratio	22:1
Injection	Indirect
Aspiration type	Natural Aspiration
Lube Oil capacity (L)	6,5
Oil Type	ACEA E5, API CH-4/SJ, 15W40
Coolant capacity (L)	9,5
Housing	SAE 5
Flywheel	SAE 8

	50 Hz	60 Hz
RPM	11500	1800
Power (HP/kW)	29,8/22,2	36,5/27,2
Coolant flow rate (L/min)	51	63
Raw water rate (L/min)	37,5	45
Engine/generator intake air requirements (m3/min)	4	5,6

Typical fuel consumption

25%	2,4	2,9
50%	3,5	4,2
75%	4,75	5,55
100%	6,4	7,6

Diesel Liters/h at % load

Engine Electrical

Electrical System (V)	12
Starter Motor (kW)	2
Alternator (A)	50
Shutdown system	Electrical
Stop Solenoid Type	ETR (ETS earth isolated version)



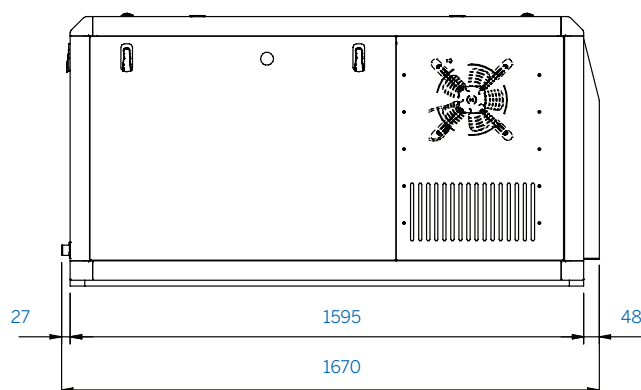
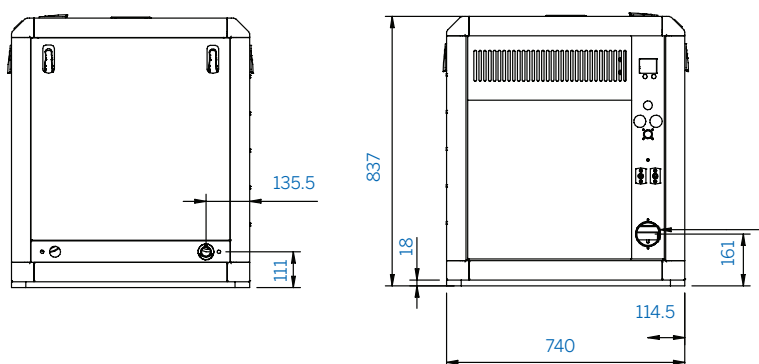
control panel.

SCO 10

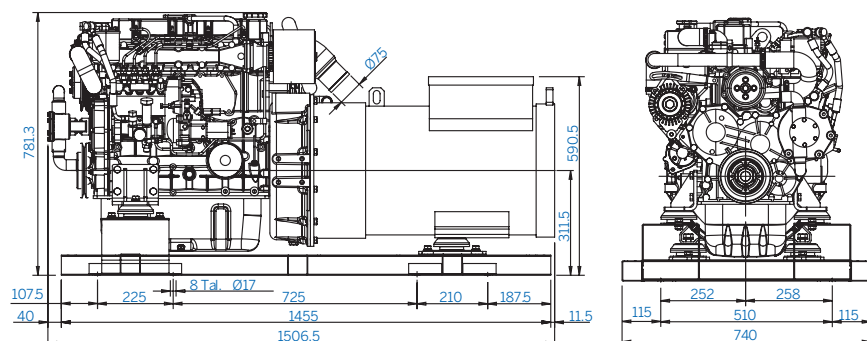


Dimensions 180x120x55 mm Weight 450g

canopy version.



standard version.



Dimensions in millimetres. This drawing is provided for reference only. For further information, please visit our website www.solediesel.com

* Maximum power: Power supplied at maximum capacity of the genset. For further information see the technical data sheet.

FASE	technical specifications.	Model	
		29GS 29GSC	32GSA 32GSAC
Model and ratings			
kW *		28,4	31,6
kVA *		28,4	31,6
Voltage		230	240
Amps		124,0	132,0
Phases		1	1
Hz		50	60
Engine RPM		1500	1800

Sound level (dB) Canopy version

db	58	58
----	----	----

Size (mm) and Weight (Kg)

Canopy version	
Lenght	1670
Width	740
Height	837
Weight (Dry)	714
standard version	
Lenght	1506,5
Width	740
Height	781
Weight (Dry)	680

ALTERNATOR

Brand	MECC ALTE
Model	ECO32-1L/4
Regulator type	AVR DSR electronic
Nr. of poles	4
Insulation Type	H
IP protection	21
Cos phi	1
Tropicalization	Standard
Excitation system	Brushless
Voltage regulation Accuracy	± 1%
Frequency Regulation	Synchronous
Standards	EN 61000-3 EN 61000-6-1

ENGINE specification

Base	MITSUBISHI
Sole Engine Model	MINI-74
Type	4 stroke
Cylinders	4
Displacement	3331 cc
Bore x Stroke	94X120 mm
Compression ratio	22:1
Injection	Indirect
Aspiration type	Natural Aspiration
Lube Oil capacity (L)	10
Oil Type	ACEA E5, API CH-4/SJ, 15W40
Coolant capacity (L)	9
Housing	SAE 3
Flywheel	SAE 11 1/2

	50 Hz	60 Hz
RPM	1500	1800
Power (HP/kW)	43,2/31,8	48,1/35,4
Coolant flow rate (L/min)	105	138
Raw water rate (L/min)	37,5	45
Engine/generator intake air requirements (m3/min)	14,1	17,2

Typical fuel consumption

25%	3,3	3,1
50%	5,4	4,8
75%	7,7	6,8
100%	10,9	9,6

Diesel Liters/h at % load

Engine Electrical

Electrical System (V)	12
Starter Motor (kW)	2
Alternator (A)	50
Shutdown system	Electrical
Stop Solenoid Type	ETR



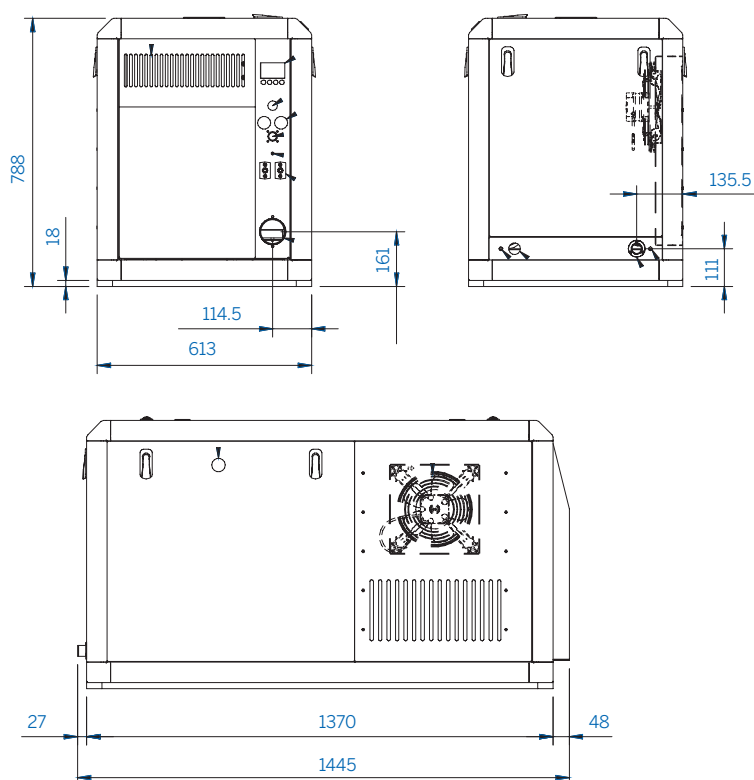
control panel.

SCO 10

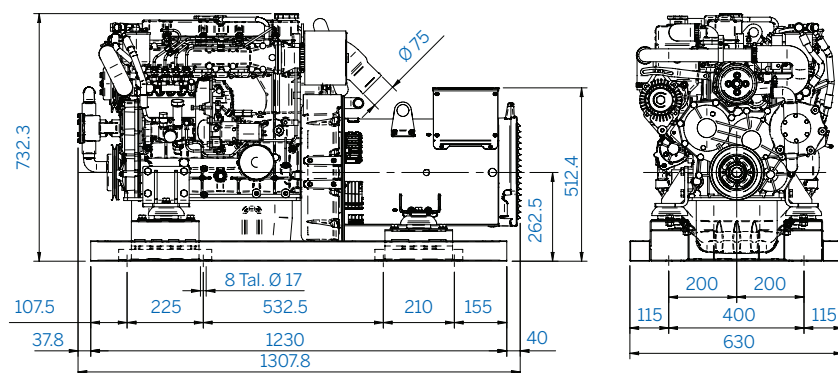


Dimensions 180x120x55 mm Weight 450g

canopy version.



standard version.



Dimensions in millimetres. This drawing is provided for reference only. For further information, please visit our website www.solediesel.com

* Maximum power: Power supplied at maximum capacity of the genset. For further information see the technical data sheet.



FASE	technical specifications.	Model		
		35GT 35GTC	40GTA 40GTAC	
Model and ratings				
kW *		28	31,2	
kVA *		35	39	
Voltage		400/230	480/277	
Amps		51,0	47,0	
Phases		3	3	
Hz		50	60	
Engine RPM		1500	1800	

Sound level (dB) Canopy version

db	58	58
----	----	----

Size (mm) and Weight (Kg)

Canopy version	
Lenght	1445
Width	630
Height	788
Weight (Dry)	545
standard version	
Lenght	1307,8
Width	630
Height	732,3
Weight (Dry)	494

ALTERNATOR

Brand	SINCRO
Model	SK160WA
Regulator type	AVR BL4 electronic
Nr. of poles	4
Insulation Type	H
IP protection	23
Cos phi	0,8
Tropicalization	Standard
Excitation system	Brushless
Voltage regulation Accuracy	±1%
Frequency Regulation	Synchronous
Standards	EN 60034-1 IEC 60034-1 ISO 8528-3

ENGINE specification

Base	MITSUBISHI
Sole Engine Model	MINI-74
Type	4 stroke
Cylinders	4
Displacement	3331 cc
Bore x Stroke	94X120 mm
Compression ratio	22:1
Injection	Indirect
Aspiration type	Natural Aspiration
Lube Oil capacity (L)	10
Oil Type	ACEA E5, API CH-4/SJ, 15W40
Coolant capacity (L)	9
Housing	SAE 3
Flywheel	SAE 11 1/2

	50 Hz	60 Hz
RPM	1500	1800
Power (HP/kW)	43,2/31,8	48,1/35,4
Coolant flow rate (L/min)	105	138
Raw water rate (L/min)	37,5	45
Engine/generator intake air requirements (m3/min)	5,7	6,8

Typical fuel consumption

25%	2,4	3,1
50%	3,8	4,8
75%	5,3	6,6
100%	6,9	9,3

Diesel Liters/h at % load

Engine Electrical

Electrical System (V)	12
Starter Motor (kW)	2,2
Alternator (A)	50
Shutdown system	Electrical
Stop Solenoid Type	ETR



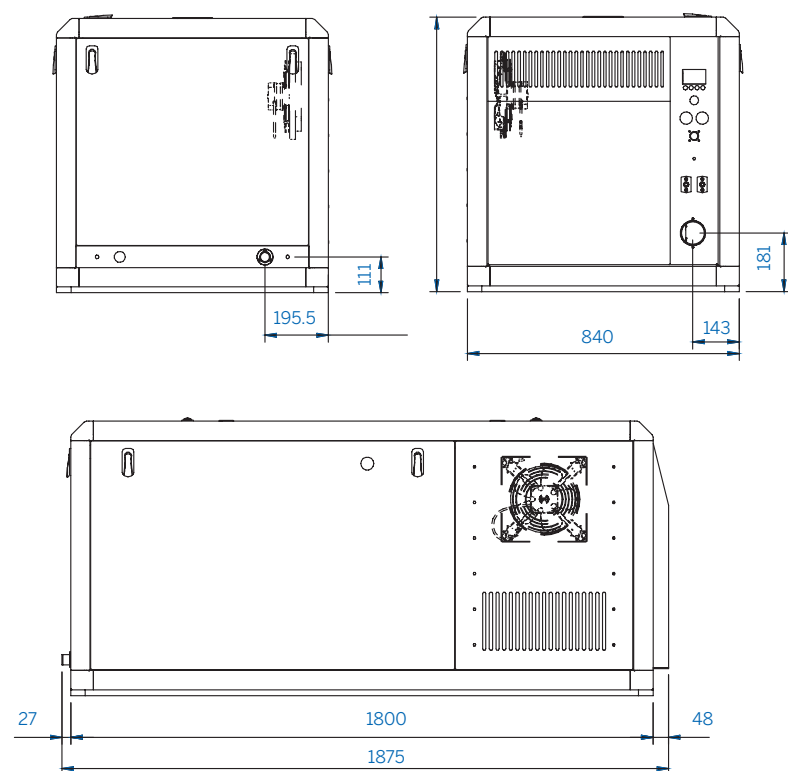
control panel.

SCO 10

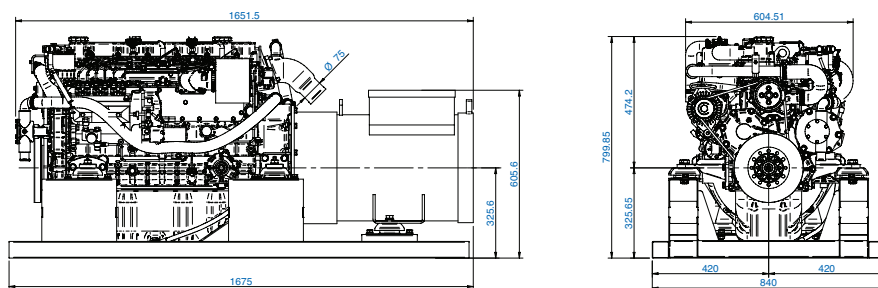


Dimensions 180x120x55 mm Weight 450g

canopy version.



standard version.



Dimensions in millimetres. This drawing is provided for reference only. For further information, please visit our website www.solediesel.com

* Maximum power: Power supplied at maximum capacity of the genset. For further information see the technical data sheet.



FASE	technical specifications.	Model	
		50GT 50GTC	60GTA 60GTAC
Model and ratings			
kW *		39,2	46,7
kVA *		48,9	58,3
Voltage		400/230	480/277
Amps		71,0	71,0
Phases		3	3
Hz		50	60
Engine RPM		1500	1800

Sound level (dB) Canopy version

db	58	58
----	----	----

Size (mm) and Weight (Kg)

Canopy version	
Length	1875
Width	840
Height	848
Weight (Dry)	795
standard version	
Length	1721,5
Width	840
Height	798
Weight (Dry)	690

ALTERNATOR

Brand	MECC ALTE
Model	ECO32-1L/4
Regulator type	AVR DSR electronic
Nr. of poles	4
Insulation Type	H
IP protection	21
Cos phi	0,8
Tropicalization	Standard
Excitation system	Brushless
Voltage regulation Accuracy	± 1%
Frequency Regulation	Synchronous
Standards	EN 61000-3 EN 61000-6-1

ENGINE specification

Base	MITSUBISHI
Sole Engine Model	SM-105
Type	4 stroke
Cylinders	6
Displacement	4996 cc
Bore x Stroke	94X120 mm
Compression ratio	22:1
Injection	Indirect
Aspiration type	Natural Aspiration
Lube Oil capacity (L)	12
Oil Type	ACEA E5, API CH-4/SJ, 15W40
Coolant capacity (L)	11,5
Housing	SAE 3
Flywheel	SAE 11 1/2

	50 Hz	60 Hz
RPM	1500	1800
Power (HP/kW)	59,6/43,9	71,1/52,3
Coolant flow rate (L/min)	100	110
Raw water rate (L/min)	37,5	45
Engine/generator intake air requirements (m3/min)	15,1	18,5

Typical fuel consumption

25%	3,4	5,0
50%	5,5	7,8
75%	7,8	11,2
100%	10,3	15,9

Diesel Liters/h at % load

Engine Electrical

Electrical System (V)	12
Starter Motor (kW)	3
Alternator (A)	50
Shutdown system	Electrical
Stop Solenoid Type	ETR



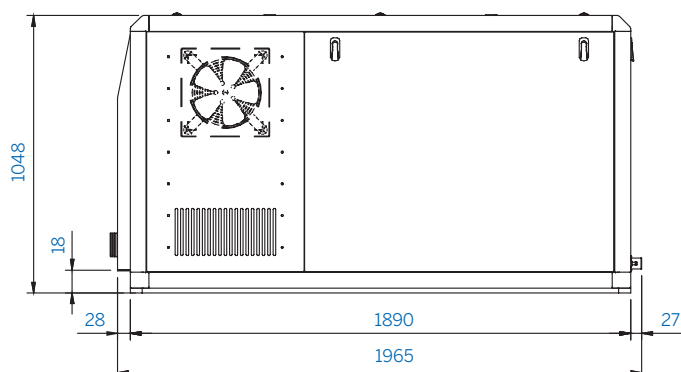
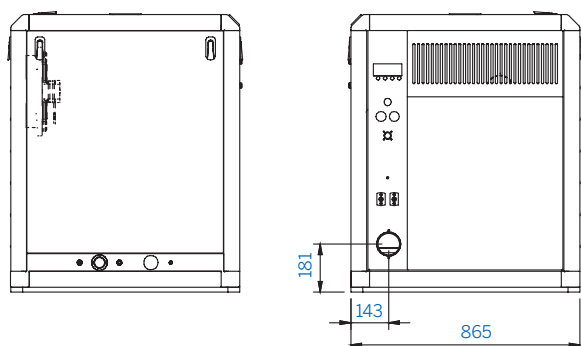
control panel.

SCO 10

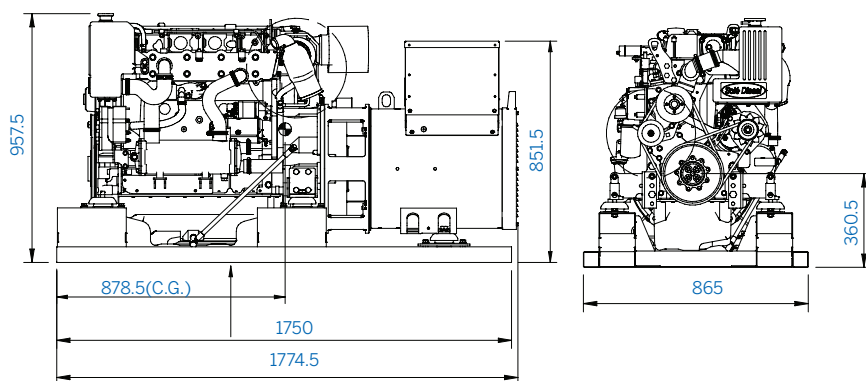


Dimensions 180x120x55 mm Weight 450g

canopy version.



standard version.



Dimensions in millimetres. This drawing is provided for reference only. For further information, please visit our website www.solediesel.com

* Maximum power: Power supplied at maximum capacity of the genset. For further information see the technical data sheet.



FASE	technical specifications.	Model		
		85GT 85GTC	100GTA 100GTCT	
Model and ratings				
kW *		68	77,9	
kVA *		85	97,3	
Voltage		400/230	480/277	
Amps		123,0	118,0	
Phases		3	3	
Hz		50	60	
Engine RPM		1500	1800	

Sound level (dB) Canopy version

db	n/a	n/a
----	-----	-----

Size (mm) and Weight (Kg)

Canopy version	
Length	1965
Width	865
Height	1048
Weight (Dry)	1100
standard version	
Length	1774,5
Width	865
Height	957,5
Weight (Dry)	988

ALTERNATOR

Brand	MECC ALTE
Model	ECP34-1S/4
Regulator type	AVR DSR electronic
Nr. of poles	4
Insulation Type	H
IP protection	21
Cos phi	0,8
Tropicalization	Standard
Excitation system	Brushless
Voltage regulation Accuracy	± 1%
Frequency Regulation	Synchronous
Standards	EN 61000-3 EN 61000-6-1

ENGINE specification

Base	DEUTZ
Sole Engine Model	SDZ-109
Type	4 stroke
Cylinders	4
Displacement	4796 cc
Bore x Stroke	108x130 mm
Compression ratio	19:1
Injection	Direct
Aspiration type	
Lube Oil capacity (L)	11
Oil Type	ACEA E5, API CH-4/SJ, 15W40
Coolant capacity (L)	17,5
Housing	SAE 2
Flywheel	SAE 11 1/2

	50 Hz	60 Hz
RPM	1500	1800
Power (HP/kW)	110,1/81,0	115,5/85,0
Coolant flow rate (L/min)	110	132
Raw water rate (L/min)	97,28	116,73
Engine/generator intake air requirements (m3/min)	24,	29,6

Typical fuel consumption

25%	5,5	5,8
50%	10	11,2
75%	15,0	16
100%	19	20,9

Diesel Liters/h at % load

Engine Electrical

Electrical System (V)	124
Starter Motor (kW)	4
Alternator (A)	55
Shutdown system	Electrical
Stop Solenoid Type	ETS



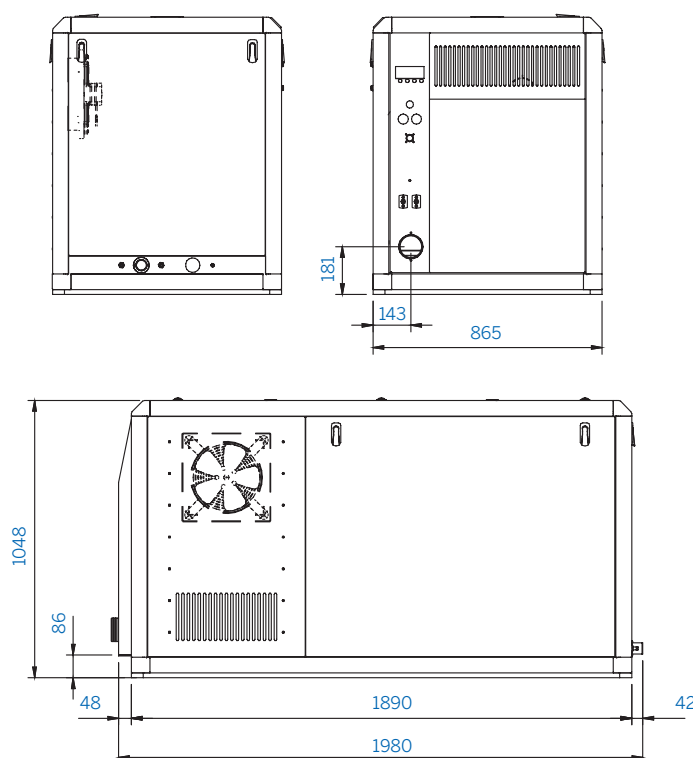
control panel.

SCO 10

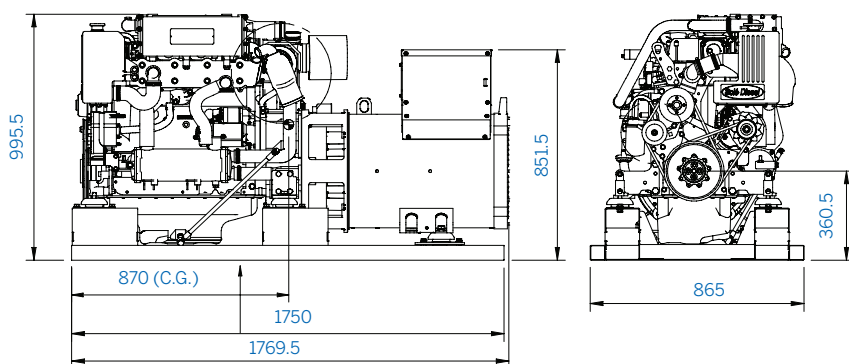


Dimensions 180x120x55 mm Weight 450g

canopy version.



standard version.



Dimensions in millimetres. This drawing is provided for reference only. For further information, please visit our website www.solediesel.com

* Maximum power: Power supplied at maximum capacity of the genset. For further information see the technical data sheet.



FASE	technical specifications.	Model	
		115GT 115GTC	120GTA 120GTAC
Model and ratings			
kW *		90	96
kVA *		112.4	120
Voltage		400/230	480/277
Amps		163,0	145,0
Phases		3	3
Hz		50	60
Engine RPM		1500	1800

Sound level (dB) Canopy version

db	n/a	n/a
----	-----	-----

Size (mm) and Weight (Kg)

Canopy version	
Length	1965
Width	865
Height	1048
Weight (Dry)	1117
standard version	
Length	1769,1
Width	865
Height	995,5
Weight (Dry)	1010

ALTERNATOR

Brand	MECC ALTE
Model	ECP34-1L/4
Regulator type	AVR DSR electronic
Nr. of poles	4
Insulation Type	H
IP protection	21
Cos phi	0,8
Tropicalization	Standard
Excitation system	Brushless
Voltage regulation Accuracy	± 1%
Frequency Regulation	Synchronous
Standards	EN 61000-3 EN 61000-6-1

ENGINE specification

Base	DEUTZ
Sole Engine Model	SDZ-165
Type	4 stroke
Cylinders	4
Displacement	4764
Bore x Stroke	108x130 mm
Compression ratio	19:1
Injection	Direct
Aspiration type	Turbocompressor e Intercooler
Lube Oil capacity (L)	11
Oil Type	ACEA E5, API CH-4/SJ, 15W40
Coolant capacity (L)	17,5
Housing	SAE 2
Flywheel	SAE 11 1/2

	50 Hz	60 Hz
RPM	1500	1800
Power (HP/kW)	131,8/97,0	142,7/105,0
Coolant flow rate (L/min)	110	132
Raw water rate (L/min)	97,28	116,73
Engine/generator intake air requirements (m3/min)	25,4	30,3

Typical fuel consumption

25%	6,8	7,3
50%	12,2	13,2
75%	18	19,2
100%	24,2	25,6

Diesel Liters/h at % load

Engine Electrical

Electrical System (V)	24
Starter Motor (kW)	4
Alternator (A)	55
Shutdown system	Electrical
Stop Solenoid Type	ETS



control panel.

SPA 10



Dimensions
180x120x55 mm

Weight
450g

TECHNICAL DATA

Sea water hose intake
Ø12mm

Fuel hose intake
Ø8mm

Diesel Fuel return hose
Ø8mm

Exhaust hose
Ø40mm
Panel connection

FASE technical specifications.

Modelo

4GSCH

Modelo y potencias

kW *	3,5
kVA *	4
Voltage (V)	230
Amps (A)	17,4
Phases	1
Hz	50
Engine RPM	3000

Sound level (dB) Canopy

dB	54
----	----

Dimensions (mm) and weight (Kg)

With canopy	
Lenght	631
Width	394
Height	543
Dry weight (Kg)	83

ALTERNATOR

Brand	V.T.E
Brand Model	-
Regulator type	-
Nr of poles	2
Insulation Type*	-
IP protection	-
Cos phi	0,875
Tropicalización	Standard
Excitation system	Brushless
Voltage regulation Accuracy**	±1%
Frequency Regulation	Synchronous
Standards	EN 60034-1 IEC 60034-1 ISO 8528-3

ENGINE

Base	FARYMAN
Sole Engine Model	FA-6
Type	4 stroke
Cylinder	1
Displacement	290 cc
Bore x stroke	82x55 mm
Compression ratio	20:01
Injection	Direct
Aspiration type	Natural Aspiration
Lube Oil capacity (L)	1,2
Oil Type	ACEA E5 API CH-4/SJ, 15W40

RPM	3000
Power (Hp/kW)	5,8 / 4,3

Typical fuel consumption

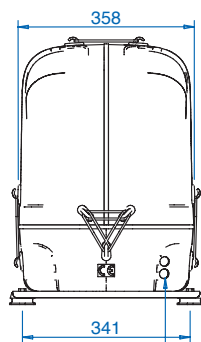
25%	0,4
50%	0,7
75%	1,1
100%	1,4

Diesel Liters/h at % load

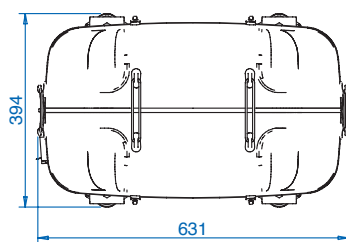
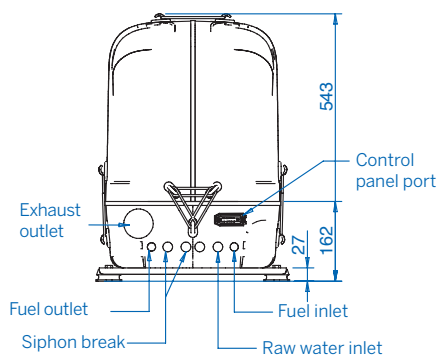
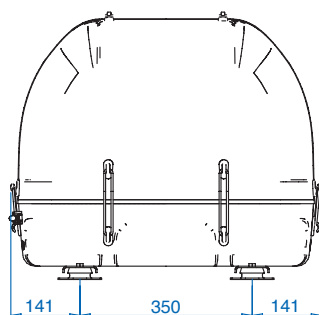
Engine Electrical

Electrical System (V)	12
Starter Motor (kW)	1,2
Alternator (A)	-
Shutdown system	Electrical
Stop Solenoid Type	ETS

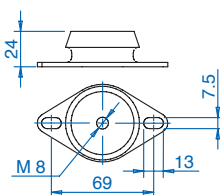
canopy version.



Battery
(12V)



Silentblock

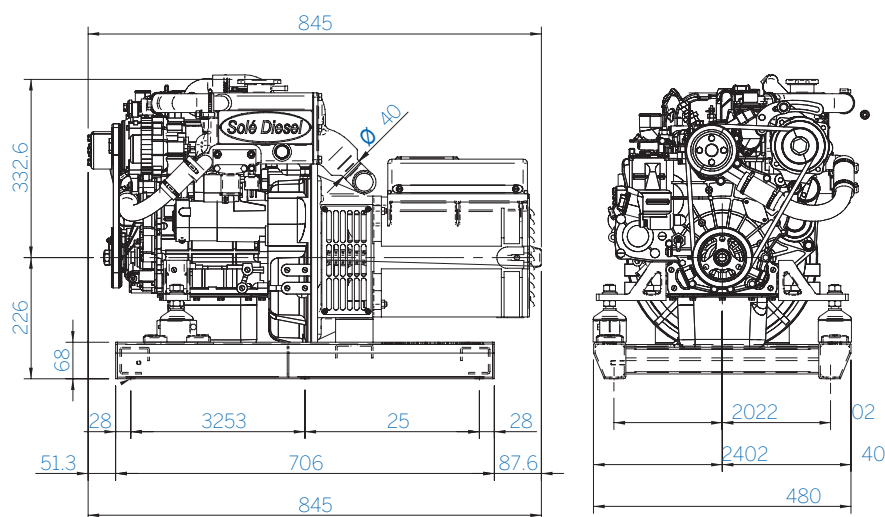


Dimensions in millimetres. This drawing is provided for reference only.
For further information, please visit our website www.sole-diesel.com

* Maximum power: Power supplied at maximum capacity of the genset.
For further information see the technical data sheet.



standard version.



Dimensions in millimetres. This drawing is provided for reference only.
For further information, please visit our website www.solediesel.com

* Maximum power: Power supplied at maximum capacity of the genset.
For further information see the technical data sheet.

FASE technical specifications.

Model and ratings

kW *	8,5
kVA *	8,5
Voltage	230
Amps	37
Phases	1
Hz	50
Engine RPM	3000

Size (mm) and Weight (Kg)

Canopy version

Length	845
Width	480
Height	558,6
Weight (Dry)	165

ALTERNATOR

Brand	MECC ALTE
Model	S20FS-130/A
Regulator type	ASR
Nr. of poles	2
Insulation Type	H
IP protection	23
Cos phi	1
Tropicalization	Standard
Excitation system	Brushless
Voltage regulation Accuracy	± 1%
Frequency Regulation	Synchronous
Standards	EN 60034-1 IEC 60034-1 ISO 8528-3

ENGINE specification

Base	MITSUBISHI
Sole Engine Model	MINI-17
Type	4 stroke
Cylinders	2
Displacement	635 cc
Bore x Stroke	76 x 70
Compression ratio	23:01
Injection	Indirect
Aspiration type	Natural Aspiration
Lube Oil capacity (L)	2,4
Oil Type	Sole Diesel 15W40
Coolant capacity (L)	3
Housing	SAE 5
Flywheel	SAE 6 1/2
RPM	3000
Power (HP/kW)	13,6 / 10
Coolant flow rate (L/min)	46,2
Raw water rate (L/min)	41
Engine/generator intake air requirements (m3/min)	1

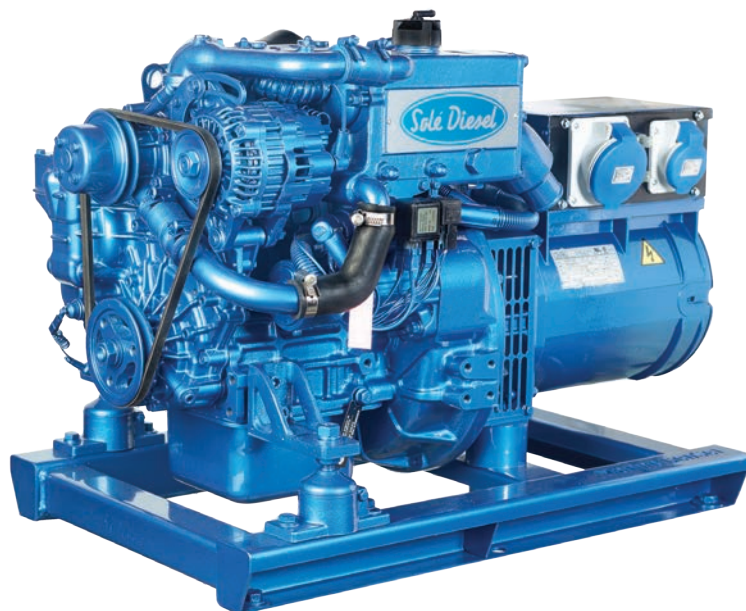
Typical fuel consumption

25%	1,3
50%	1,9
75%	2,6
100%	3,4

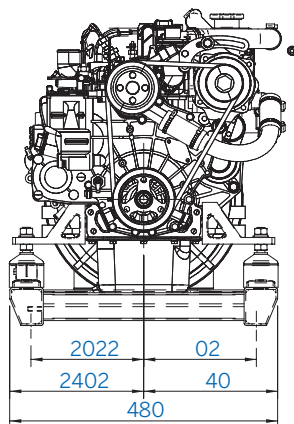
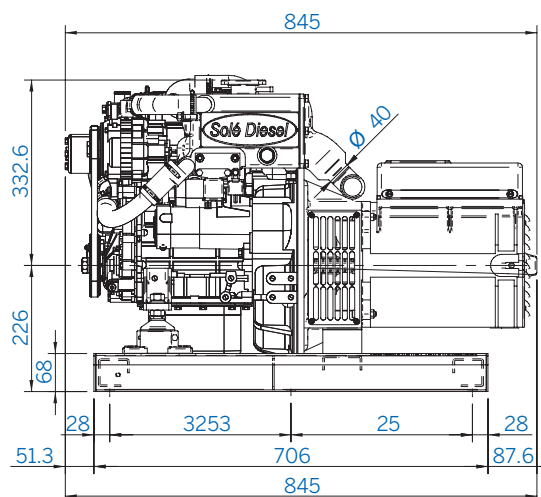
Diesel Liters/h at % load

Engine Electrical

Electrical System (V)	1,3
Starter Motor (kW)	1,9
Alternator (A)	2,6
Shutdown system	3,4
Stop Solenoid Type	ETS



standard version.



FASE technical specifications.

Model and ratings

kW *	6,4
kVA *	8
Voltage	400/230
Amps	11,5/20,1
Phases	3
Hz	50
Engine RPM	3000

Size (mm) and Weight (Kg)

Canopy version

Length	845
Width	480
Height	558,6
Weight (Dry)	175

ALTERNATOR

Brand	MECCALTE
Model	ET20FS-130
Regulator type	ASR
Nr. of poles	2
Insulation Type	H
IP protection	23
Cos phi	0,8
Tropicalization	Standard
Excitation system	Brushless
Voltage regulation Accuracy	± 1%
Frequency Regulation	Synchronous
Standards	EN 60034-1 IEC 60034-1 ISO 8528-3

ENGINE specification

Base	MITSUBISHI
Sole Engine Model	MINI-17
Type	4 stroke
Cylinders	2
Displacement	635 cc
Bore x Stroke	76 x 70
Compression ratio	23:01
Injection	Indirect
Aspiration type	Natural Aspiration
Lube Oil capacity (L)	2,4
Oil Type	Sole Diesel 15W40
Coolant capacity (L)	3
Housing	SAE 5
Flywheel	SAE 6 1/2
RPM	3000
Power (HP/kW)	13,6 / 10
Coolant flow rate (L/min)	46,2
Raw water rate (L/min)	41
Engine/generator intake air requirements (m3/min)	1

Typical fuel consumption

25%	1,3
50%	1,9
75%	2,6
100%	3,4

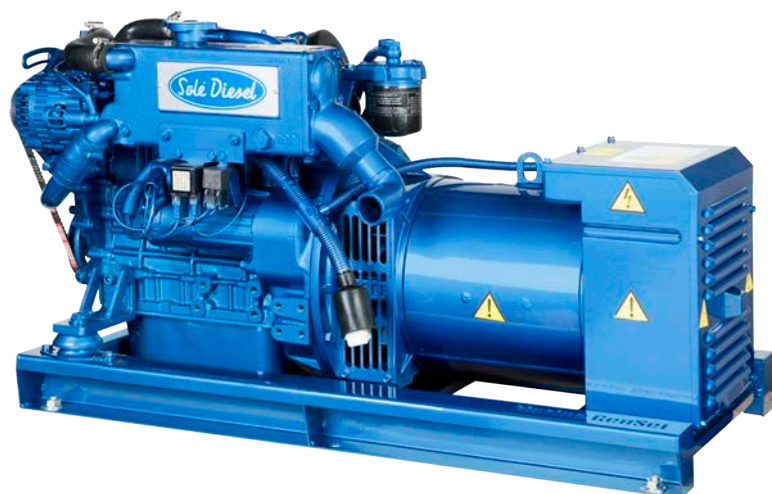
Diesel Liters/h at % load

Engine Electrical

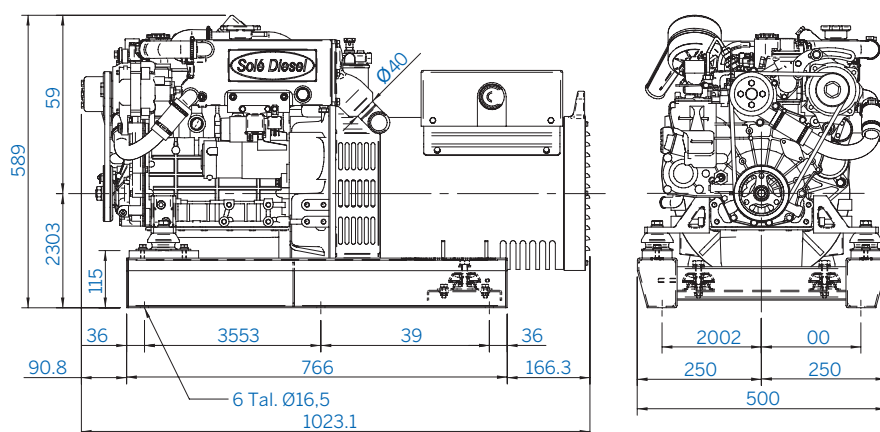
Electrical System (V)	12
Starter Motor (kW)	1,2
Alternator (A)	75
Shutdown system	Electrical
Stop Solenoid Type	ETS

Dimensions in millimetres. This drawing is provided for reference only.
For further information, please visit our website www.solediesel.com

* Maximum power: Power supplied at maximum capacity of the genset.
For further information see the technical data sheet.



standard version.



Dimensions in millimetres. This drawing is provided for reference only.
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* Maximum power: Power supplied at maximum capacity of the genset.
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FASE technical specifications.

Model and ratings

kW *	15
kVA *	15
Voltage	230
Amps	65,2
Phases	1
Hz	50
Engine RPM	3000

Size (mm) and Weight (Kg)

Canopy version

Length	1023,1
Width	500
Height	589
Weight (Dry)	225

ALTERNATOR

Brand	MECCALTE
Model	ECO3-1L/2
Regulator type	DSR
Nr. of poles	2
Insulation Type	H
IP protection	23
Cos phi	0,8
Tropicalization	Standard
Excitation system	Brushless
Voltage regulation Accuracy	± 1%
Frequency Regulation	Synchronous
Standards	EN 60034-1 IEC 60034-1 ISO 8528-3

ENGINE specification

Base	MITSUBISHI
Sole Engine Model	MINI-26
Type	4 stroke
Cylinders	3
Displacement	952 cc
Bore x Stroke	76x70 mm
Compression ratio	23:01
Injection	Indirect
Aspiration type	Natural Aspiration
Lube Oil capacity (L)	4
Oil Type	Sole Diesel 15W40
Coolant capacity (L)	3,5
Housing	SAE 5
Flywheel	SAE 6 1/2
RPM	3000
Power (HP/kW)	21,5 / 15,8
Coolant flow rate (L/min)	-
Raw water rate (L/min)	41
Engine/generator intake air requirements (m3/min)	1,5

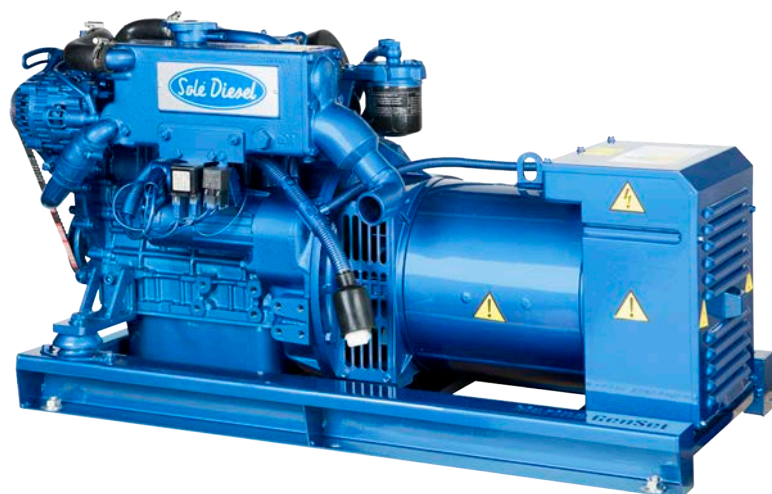
Typical fuel consumption

25%	1,7
50%	3
75%	4,1
100%	5

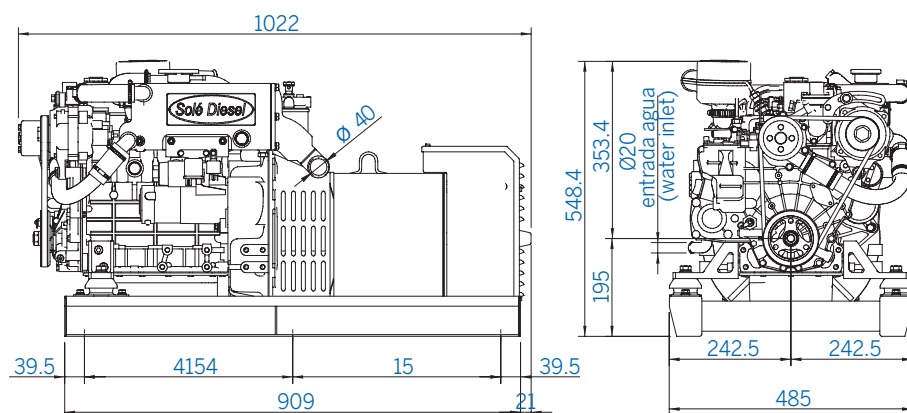
Diesel Liters/h at % load

Engine Electrical

Electrical System (V)	12
Starter Motor (kW)	1,2
Alternator (A)	75
Shutdown system	Electrical
Stop Solenoid Type	ETS



standard version.



FASE technical specifications.

Model and ratings

kW *	15
kVA *	12
Voltage	400/230
Amps	21.7/37.7
Phases	3
Hz	50
Engine RPM	3000

Size (mm) and Weight (Kg)

Canopy version

Length	1059
Width	485
Height	548.4
Weight (Dry)	225

ALTERNATOR

Brand	MECCALTE
Model	EC03-1L/2
Regulator type	
Nr. of poles	2
Insulation Type	H
IP protection	23
Cos phi	0.8
Tropicalization	Standard
Excitation system	Brushless
Voltage regulation Accuracy	± 1%
Frequency Regulation	Synchronous
Standards	EN 60034-1 IEC 60034-1 ISO 8528-3

ENGINE specification

Base	MITSUBISHI
Sole Engine Model	MINI-26
Type	4 stroke
Cylinders	3
Displacement	952 cc
Bore x Stroke	76x70 mm
Compression ratio	23:01
Injection	Indirect
Aspiration type	Natural Aspiration
Lube Oil capacity (L)	4
Oil Type	Sole Diesel 15W40
Coolant capacity (L)	3.5
Housing	SAE 5
Flywheel	SAE 6 1/2
RPM	3000
Power (HP/kW)	21.5 / 15.8
Coolant flow rate (L/min)	-
Raw water rate (L/min)	41
Engine/generator intake air requirements (m3/min)	1.5

Typical fuel consumption

25%	1.7
50%	3
75%	4.1
100%	5

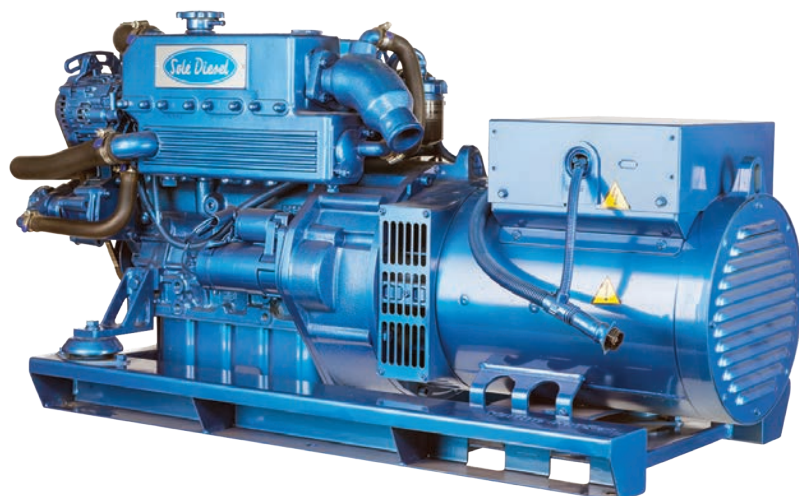
Diesel Liters/h at % load

Engine Electrical

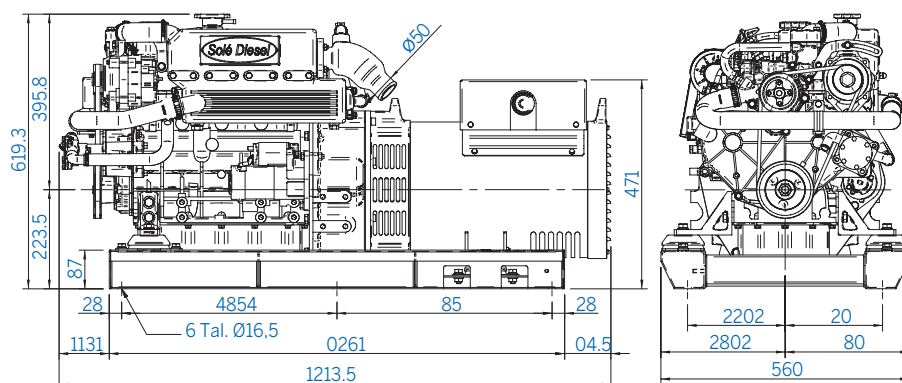
Electrical System (V)	12
Starter Motor (kW)	1.2
Alternator (A)	75
Shutdown system	Electrical
Stop Solenoid Type	ETS

Dimensions in millimetres. This drawing is provided for reference only.
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* Maximum power: Power supplied at maximum capacity of the genset.
For further information see the technical data sheet.



standard version.



Dimensions in millimetres. This drawing is provided for reference only.
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* Maximum power: Power supplied at maximum capacity of the genset.
For further information see the technical data sheet.

FASE technical specifications.

Model and ratings

kW *	25
kVA *	25
Voltage	230
Amps	108,7
Phases	1
Hz	50
Engine RPM	3000

Size (mm) and Weight (Kg)

Canopy version

Length	1213,5
Width	560
Height	619,3
Weight (Dry)	335

ALTERNATOR

Brand	MECCALTE
Model	ECSN-31SA
Regulator type	DSR
Nr. of poles	2
Insulation Type	H
IP protection	23
Cos phi	1
Tropicalization	Standard
Excitation system	Brushless
Voltage regulation Accuracy	± 1%
Frequency Regulation	Synchronous
Standards	EN 60034-1 IEC 60034-1 ISO 8528-3

ENGINE specification

Base	MITSUBISHI
Sole Engine Model	MINI-44
Type	4 stroke
Cylinders	4
Displacement	1758 cc
Bore x Stroke	78x92 mm
Compression ratio	22:01
Injection	Indirect
Aspiration type	Natural Aspiration
Lube Oil capacity (L)	6
Oil Type	Sole Diesel 15W40
Coolant capacity (L)	8
Housing	SAE 5
Flywheel	SAE 7 1/2
RPM	3000
Power (HP/kW)	22,1/15,5
Coolant flow rate (L/min)	-
Raw water rate (L/min)	55
Engine/generator intake air requirements (m3/min)	2,58

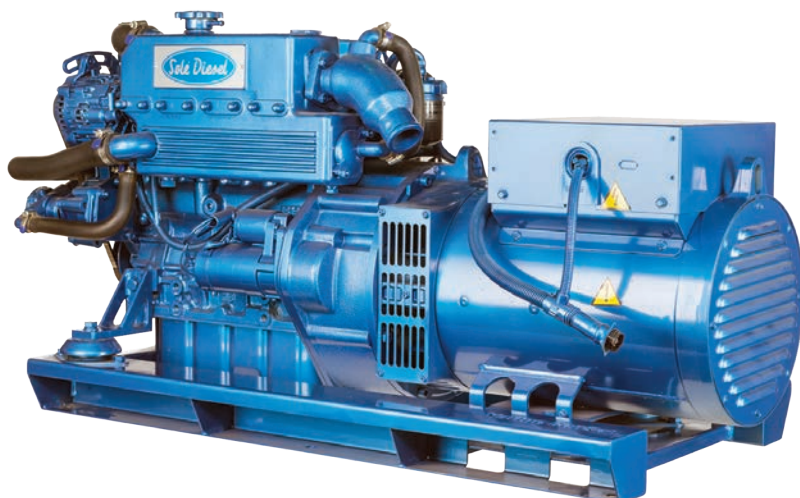
Typical fuel consumption

25%	3,6
50%	5,1
75%	6,5
100%	7,8

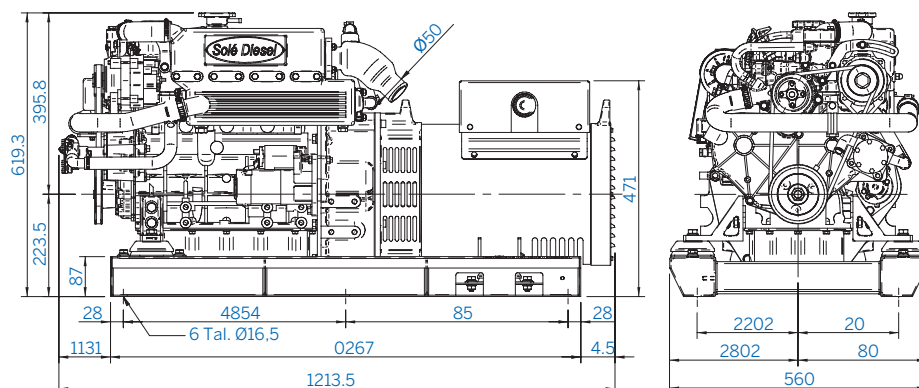
Diesel Liters/h at % load

Engine Electrical

Electrical System (V)	12
Starter Motor (kW)	2
Alternator (A)	95
Shutdown system	Electrical
Stop Solenoid Type	ETR (ETS earth isolated version)



standard version.



FASE technical specifications.

Model and ratings

kW *	25
kVA *	20
Voltage	400/230
Amps	36,1/62,8
Phases	3
Hz	50
Engine RPM	3000

Size (mm) and Weight (Kg)

Canopy version	
Length	1213,5
Width	560
Height	619,3
Weight (Dry)	335

ALTERNATOR

Brand	MECCALTE
Model	ECP28-2L/2
Regulator type	DSR
Nr. of poles	2
Insulation Type	H
IP protection	23
Cos phi	0,8
Tropicalization	Standard
Excitation system	Brushless
Voltage regulation Accuracy	± 1%
Frequency Regulation	Synchronous
Standards	EN 60034-1 IEC 60034-1 ISO 8528-3

ENGINE specification

Base	MITSUBISHI
Sole Engine Model	MINI-44
Type	4 stroke
Cylinders	4
Displacement	1758 cc
Bore x Stroke	78x92 mm
Compression ratio	22:01
Injection	Indirect
Aspiration type	Natural Aspiration
Lube Oil capacity (L)	6
Oil Type	Sole Diesel 15W40
Coolant capacity (L)	8
Housing	SAE 5
Flywheel	SAE 7 1/2
RPM	3000
Power (HP/kW)	22,1/15,5
Coolant flow rate (L/min)	-
Raw water rate (L/min)	55
Engine/generator intake air requirements (m3/min)	18

Typical fuel consumption

25%	3,6
50%	5,1
75%	6,5
100%	7,8

Diesel Liters/h at % load

Engine Electrical

Electrical System (V)	12
Starter Motor (kW)	2
Alternator (A)	95
Shutdown system	Electrical
Stop Solenoid Type	ETR (ETS earth isolated version)

Dimensions in millimetres. This drawing is provided for reference only.
For further information, please visit our website www.solediesel.com

* Maximum power: Power supplied at maximum capacity of the genset.
For further information see the technical data sheet.